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State Business, Transportation
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Solano County and Cities

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San Mateo County

AMY WORTH
Cities of Contra Costa County

KEN YEAGER
Santa Clara County

February 22, 2010

**Addendum No. 1 to
Invitation for Bid for
Toll Bridge Signing & Striping Project
Dated February 9, 2010**

Dear Contractor:

This letter is Addendum No. 1 to the Invitation for Bid for the Toll Bridge Signing & Striping Project, dated February 9, 2010. Where text is revised, deleted text is shown in strike-through format; added text is italicized. The IFB is revised as follows:

<u>Addendum Item</u>	<u>Reference</u>	<u>Change(s)</u>
1.	Section 5, Bid Form #1, Schedule of Quantities and Prices	Pages 33 and 34 are revised, as shown in Attachment 1.
2.	Section SC-8 Materials & Services, subsection 8.2 Services, page 50.	Payment The contract lump sum price paid for <i>Construction Staking shall be considered as included in the prices paid for the various items of work and no additional compensation will be allowed thereof. and shall constitute full compensation for furnishing Construction Staking includes all labor, materials, tools, equipment and incidentals, and for doing all the work involved in construction staking including verifications of survey data, and providing survey notes, as shown on the plans, as specified in the specifications and as directed by the Engineer.</i>
3.	Section SC -14 Hazardous Material, subsection 14.1 Aerially Deposited Lead, last paragraph, pages 61 – 62.	Full compensation for the <i>The Health and Safety Plan shall be considered as included in the prices for various items of work and no additional compensation shall be allowed therefore. The Health and Safety Plan includes including furnishing all the labor, materials, tools, equipment, and incidentals and for doing all the work involved in</i>

STEVE HEMINGER
Executive Director

ANDREW B. FREMIER
Deputy Executive Director

<u>Addendum Item</u>	<u>Reference</u>	<u>Change(s)</u>
		preparing the Health and Safety Plan, including paying a Certified Industrial Hygienist, and for providing personal protective equipment, training and medical surveillance, as specified in these special conditions, and as directed by the Engineer shall be considered as included in the lump sum price paid for Site Health and Safety Plan and no additional compensation shall be allowed therefor.
4.	Section 10-1.26 Install Removable Sign Panel Frame, page 239.	<p>Removable sign panel frames shall be installed on existing sign structures as shown on the plans and in conformance with the provisions in Section 56-1, "Overhead Sign Structures," of the Standard Specifications and these special provisions.</p> <p>Sign panels and removable sign panel frames will be furnished by the State as provided in "Materials" of these special provisions.</p> <p>The Contractor shall furnish sign panels and removable sign panel frames as provided in "Furnish Sign" of these special provisions.</p> <p>Installing removable sign panel frames will be measured by the unit as determined from actual count in place. A unit shall consist of one removable sign panel frame with sign panels attached.</p> <p>The contract unit price paid for installing removable sign panel frame <i>Installing removable sign panel frame shall be considered as included in the prices for Furnish Formed Panel Sign and no additional compensation shall be allowed therefore. Sign installation shall include full compensation for</i> furnishing all labor, materials (except sign panel and removable sign panel frame), tools, equipment, and incidentals, and for doing all the work involved in install removable sign panel frames, complete in place, including installing sign panels to the panel frames, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.</p>
5.	Section 110-1.27 Install Sign Overlay, second paragraph/sentence, page 239.	Sign overlay panels will be furnished by the State as provided under "Materials" of these special provisions.

<u>Addendum Item</u>	<u>Reference</u>	<u>Change(s)</u>
6.	Appendix A: all plan sheets that include: "FASTRAK REQUIRED TOLL \$2.50" Signs	Replace Sign Design A with Sign Design B, as shown in Attachment 2, in all indicated plan sheets. Note: All other information on the affected plan sheets remains unchanged, except as provided in Items 7 and 8 of this Addendum #1.
7.	Appendix A: Toll Sign Plans	The following plan sheets are revised, as shown in Attachment 3: - Antioch Bridge: S-2, S-3, S-4, SD-1, SQ-1, SQ-2. - Benicia-Martinez Bridge: S-9, SD-1, SD-2, SQ-1. - Carquinez Bridge: S-4, S-9, SD-1, SQ-1. - Dumbarton Bridge: S-1, SD-1, SD-2, SQ-2. - Richmond-San Rafael Bridge: S-2, S-3, SD-1, SD-2. - San Francisco-Oakland Bay Bridge: S-3, SD-3, SD-5, SQ-2, SQ-3. - San Mateo-Hayward Bridge: SD-2. Note: Changes are identified with clouds annotated Delta 1.
8.	Appendix A, Pavement Delineation Plans	The following plan sheets are revised, as shown in Attachment 3: - Antioch Bridge: PD-4 and PDQ-1. - Richmond-San Rafael Bridge: PD-1 through PD-4, and PDQ-1; Plan sheet PD-5 is added as shown in Attachment 3. Note: Changes are identified with clouds annotated Delta 1.

The remaining provisions of the IFB, dated February 9, 2010, remain unchanged.

Any questions concerning this addendum to the IFB should be directed to Linda Lee, Project Manager, at (510) 817-5825 or llee@mtc.ca.gov.

Sincerely,


Steve Heminger
Executive Director

SH: LL

J:\CONTRACT\Procurements\Engineer&Architect\BATA\Toll Bridge Signing & Striping\Toll Bridge Sign & Stripe Add1.doc

ATTACHMENT 1
SCHEDULE OF QUANTITIES AND PRICES (revised)

The prices quoted below include all applicable taxes, fees, permits, delivery and other charges as required.

Item No.	Item Description	Unit of Measure	Estimated Quantity	Item Price	Project Total
1	Traffic Control System	LS	1		
2	Remove Pavement Marking	SQFT	130 196		
3	Remove Thermoplastic Traffic Stripe	LF	8,865 13,998		
4	Remove Pavement Marker	EA	641 916		
5	Remove Roadside Sign	EA	20		
6	Remove Sign From Electrolier	EA	1		
7	Remove Sign Panel	EA	1		
8	Relocate Roadside Sign (Wood Post)	EA	1		
9	Relocate Framed Sign Panel	EA	2		
10	Replace Sign Panel (Roadside Sign)	EA	39		
11	Lead Compliance Plan	LS	1		
12	Furnish Formed Panel Sign (Overhead)	SQFT	402 219		
13	Furnish Single Sheet Aluminum Sign (0.063"-Unframed)	SQFT	672 691		
14	Furnish Single Sheet Aluminum Sign (0.080"-Unframed)	SQFT	25		
15	Furnish Single Sheet Aluminum Sign (0.080"-Framed)	SQFT	126		
16	Metal (Barrier Mounted Sign)	LB	320		
17	Roadside Sign - One Post	EA	2 3		
18	Install Sign (Strap and Saddle Bracket Method)	EA	1		
19	Install Sign Overlay	SQFT	264 270		
20	Install Sign Panel on Toll Booth	EA	19		
21	Install Roadside Sign Panel on Existing Post	EA	34		
22	Install Roadside Sign (Laminated Wood Box Post) - Two Post	EA	2		
23	4" Thermoplastic Traffic Stripe (Broken 36-12)	LF	3,085 5,350		
24	8" Thermoplastic Traffic Stripe	LF	3,042 3,260		
25	8" Thermoplastic Traffic Stripe (Broken 12-3)	LF	2,267 1,833		
26	Pavement Marker (Non-Reflective)	EA	253 438		
27	Pavement Marker (Retroreflective)	EA	368 471		
28	Mobilization	LS	1		
29	<i>Remove Painted Traffic Stripe</i>	<i>LF</i>	255		
30	<i>4" Thermoplastic Traffic Stripe</i>	<i>LF</i>	3,154		
31	<i>Thermoplastic Pavement Marking</i>	<i>SQFT</i>	920		
32	<i>Paint Traffic Stripe (2-Coat)</i>	<i>LF</i>	341		
TOTAL COST – PROEJCT 1					

ATTACHMENT 1 (continued)
SCHEDULE OF QUANTITIES AND PRICES (revised)

The prices quoted below include all applicable taxes, fees, permits, delivery and other charges as required.

Item No.	Item Description	Unit of Measure	Estimated Quantity	Item Price	Project Total
1	Traffic Control System	LS	1		
2	Remove Roadside Sign	EA	8 10		
3	Lead Compliance Plan	LS	1		
4	Furnish Formed Panel Sign (Overhead)	SQFT	490		
5	Furnish Single Sheet Aluminum Sign (0.080"-Framed)	SQFT	338 275		
6	Metal (Rail Mounted Sign)	LB	680		
7	Roadside Sign - Two Post	EA	8		
8	Install Sign (Strap and Saddle Bracket Method)	EA	2		
9	Mobilization	LS	1		
TOTAL COST – PROJECT 2					
TOTAL CONTRACT PRICE (PROJECTS 1 AND 2)					

Note: No Bidder may withdraw its bid for a period of 120 calendars days after bid opening

ATTACHMENT 2

Replace Sign Design A with Sign Design B, in the following 38 plan sheet locations:

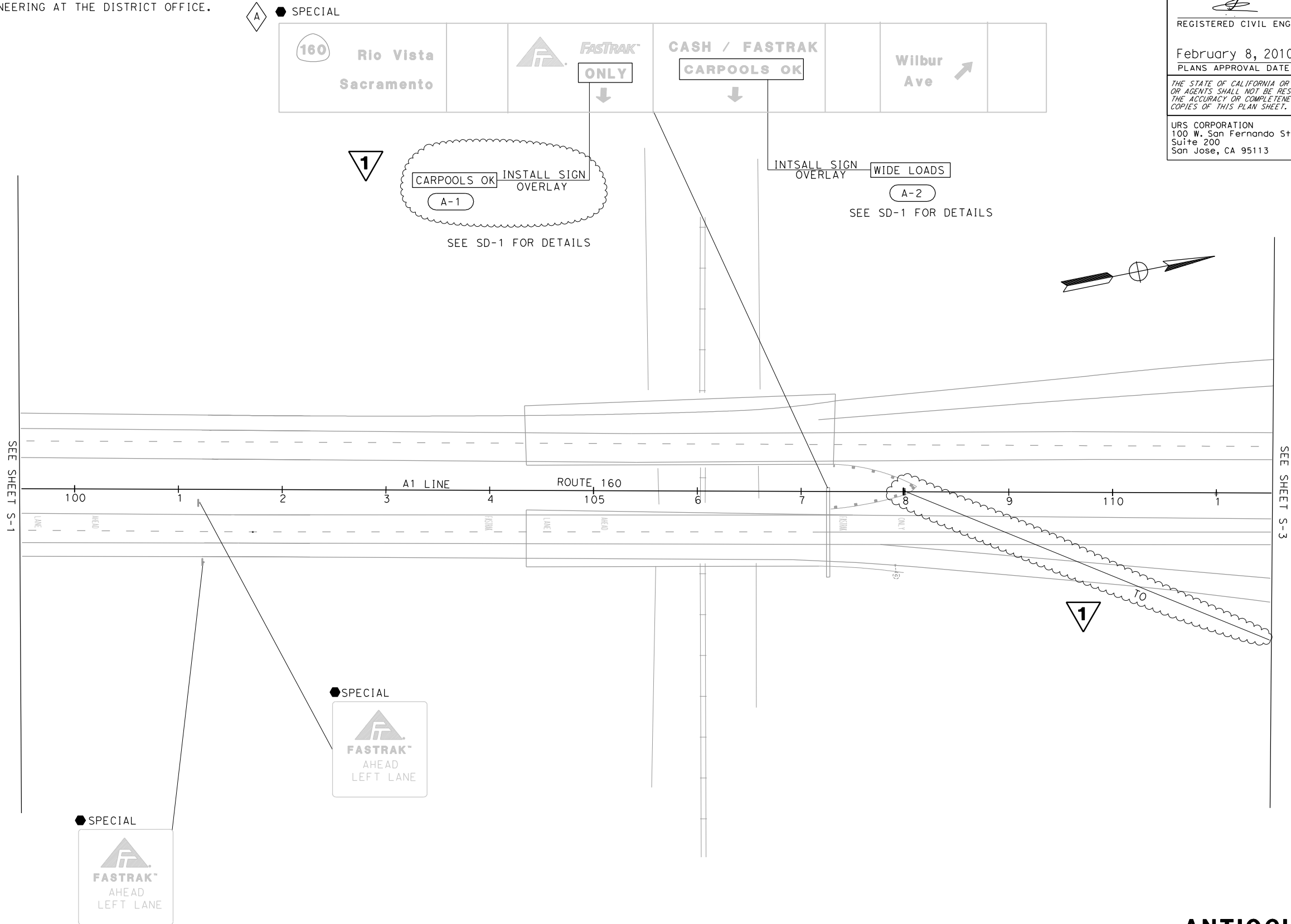
Bridge	Sheet No.	Sign No.	Nos. of Signs
Antioch Bridge	S-1 (SD-1)	5	2
	S-4 (SD-1)	3	
Benicia-Martinez Bridge	S-3 (SD-1)	1	2
	S-8 (SD-1)	1	
Dumbarton Bridge	S-4 (SD-1)	1	6
	S-6 (SD-1)	1	
	S-7 (SD-1)	3, 4, 5, 6	
San Francisco-Oakland Bay Bridge	S-1 (SD-1)	1, 2	23
	S-2 (SD-1)	1, 2, 3	
	S-3 (SD-1)	1, 2, 3, 4, 5, 6, 7, 9	
	S-4 (SD-1)	1, 2, 3	
	S-5 (SD-1)	1, 2, 3	
	S-6 (SD-1)	1, 2, 3	
	S-7 (SD-1)	1	
San Mateo-Hayward Bridge	S-1 (SD-1)	1, 2	5
	S-4 (SD-1)	1	
	S-7 (SD-1)	1	
	S-11 (SD-1)	3	


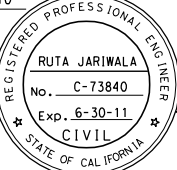
ATTACHMENT 3

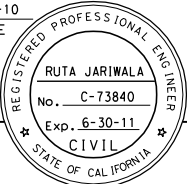
REVISED PLAN SHEETS

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	
	RAMSEY HISSEN	CHECKED BY	NELSON HOM	
			RUTA JARIWALA	
			DATE	REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	7	101
			2-5-10		
REGISTERED CIVIL ENGINEER			DATE		
February 8, 2010					
PLANS APPROVAL DATE					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

ANTIOCH BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50' S-2

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

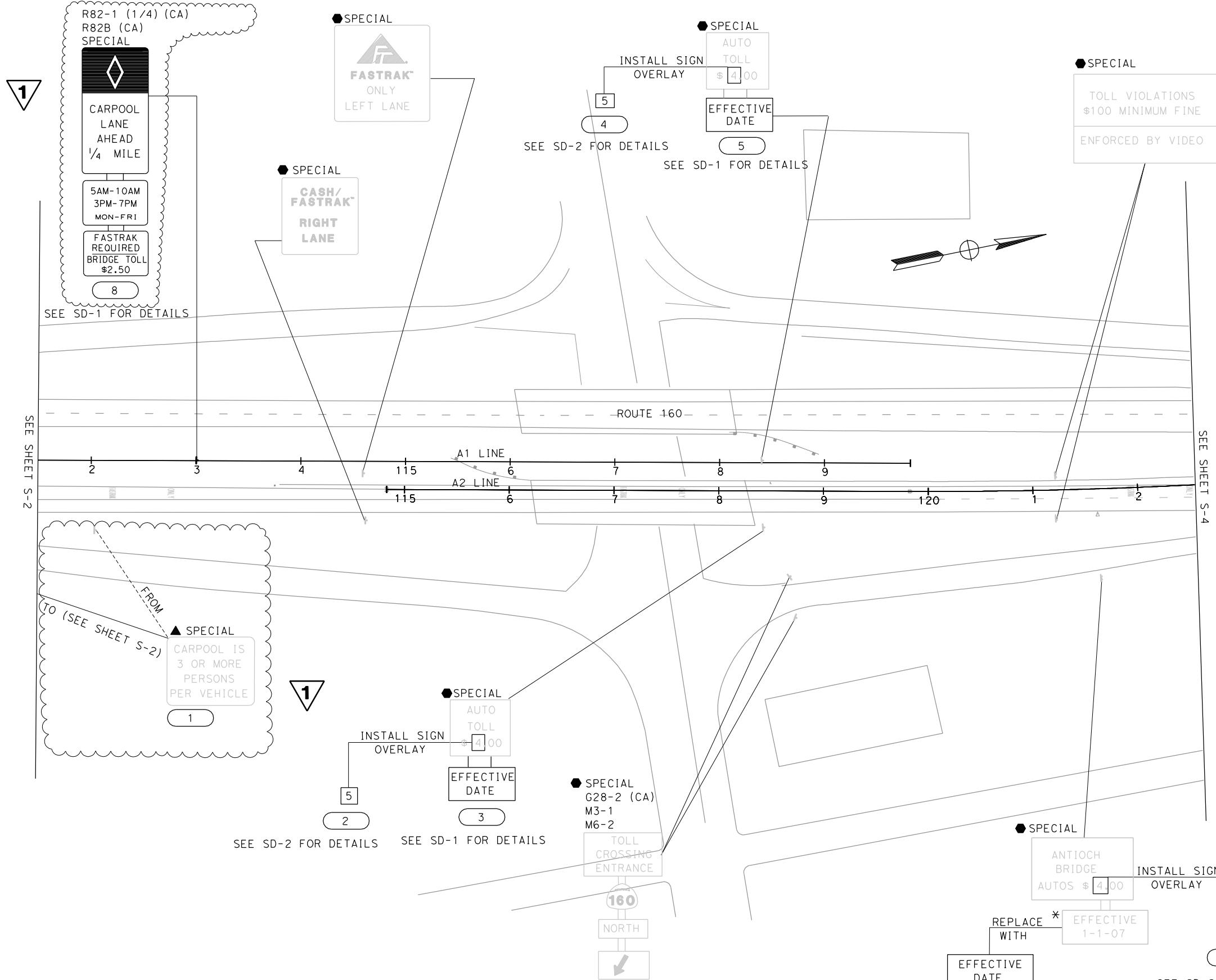
USERNAME => beshoy_demyan
DGN FILE => ... \Signs \Addendum \ANT-02-AD.dgn

BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 12:58:07 PM
LAST REVISION
02/22/10

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



THIS PLAN ACCURATE FOR SIGN WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	8	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010 PLANS APPROVAL DATE			RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

ANTIOCH BRIDGE
TOLLING SIGN PLANS
S-3

SCALE: 1"=50'

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3


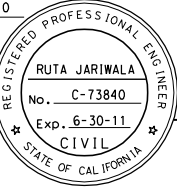
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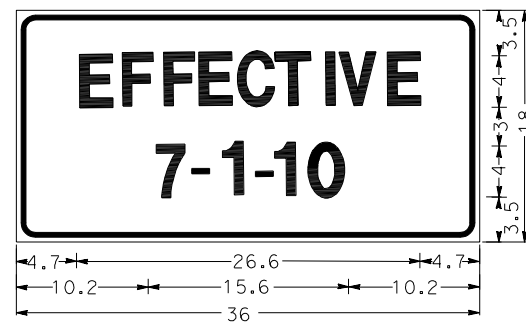
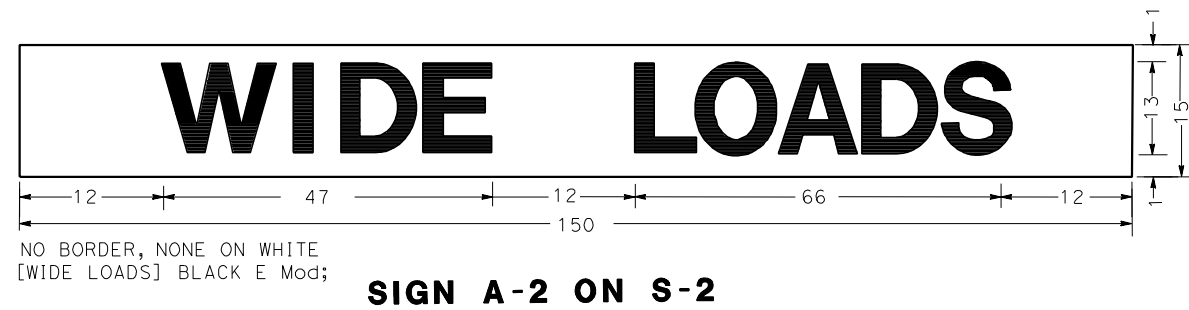
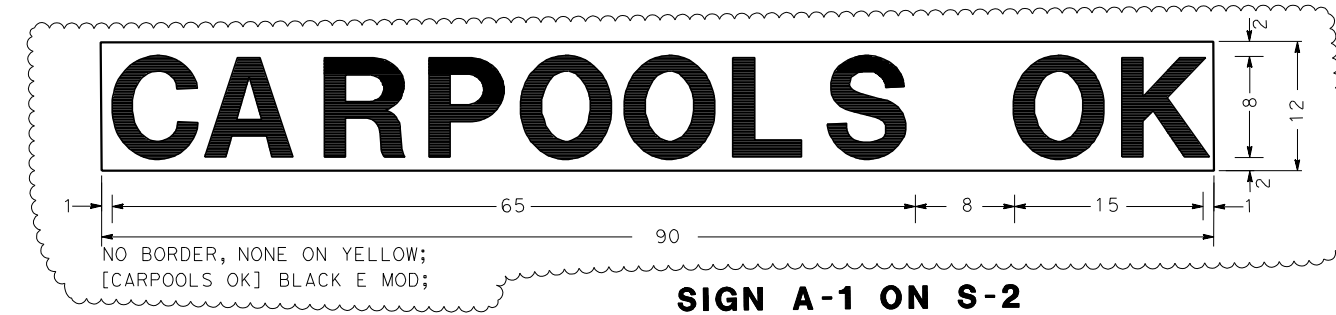
BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 12:58:10 PM
LAST REVISION
02/22/10

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

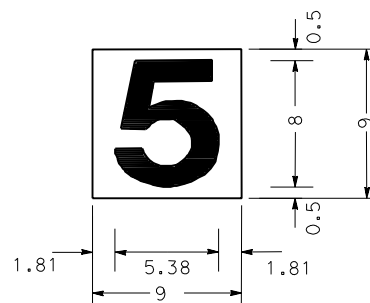
NOTE A: CONTRACTOR SHALL BE RESPONSIBLE
FOR COVERING THIS SIGN UNTIL JUNE 30, 2010
AT WHICH TIME CONTRACTOR SHALL UNCOVER IT
FOR A JULY 1, 2010 EFFECTIVE DATE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	11	101
 _____ REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010					
PLANS APPROVAL DATE					
<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON WHITE;
[EFFECTIVE] D; [7-1-10] D;

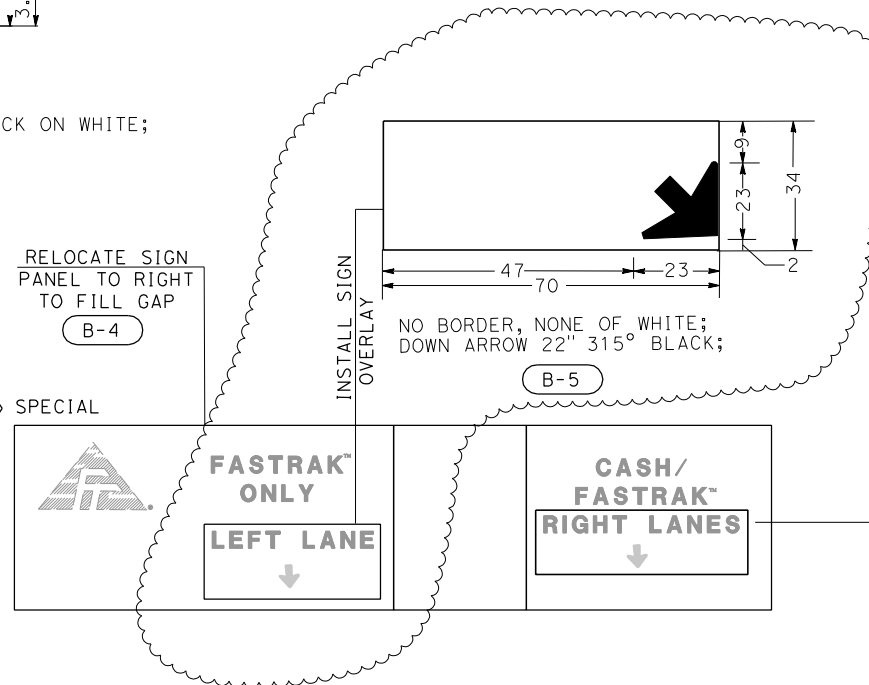
SIGN 2 ON S-1
SIGN 4 ON S-1
SIGN 3 ON S-3
SIGN 5 ON S-3
SIGN 7 ON S-3



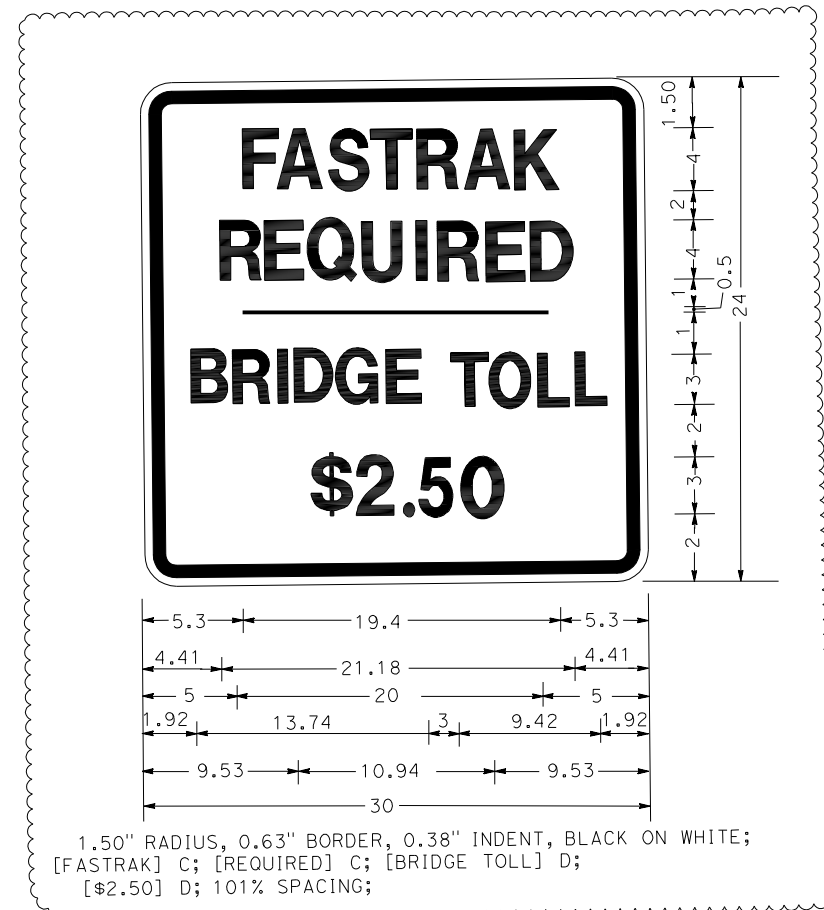
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NO BORDER, NONE ON WHITE;
[5] BLACK D;
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SIGN 1 ON S-1
SIGN 3 ON S-1

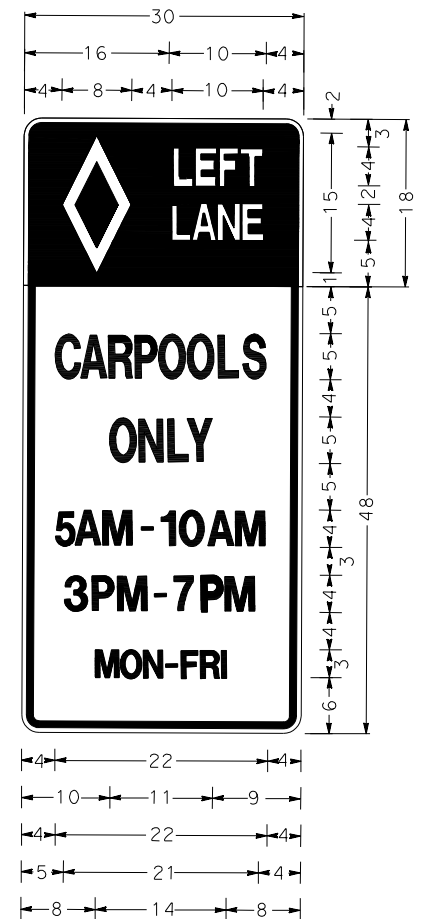
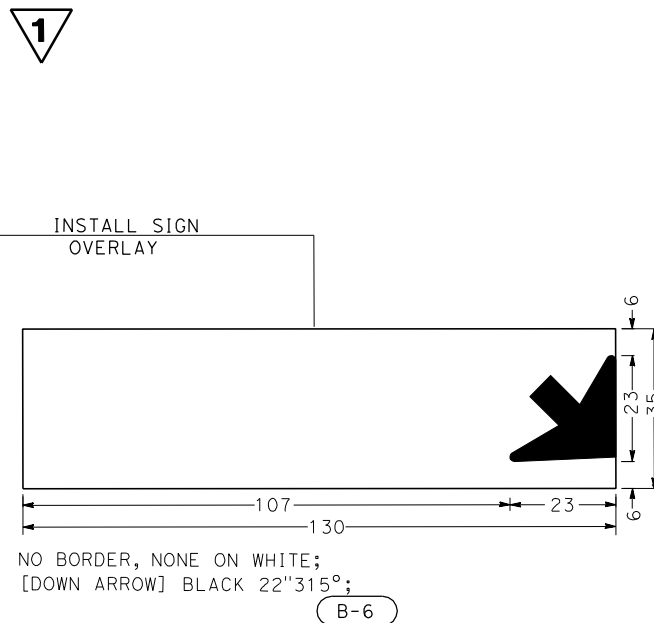
ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN



SIGN B ON S-4



SIGN 5 ON S-1 (REFER NOTE A)
SIGN 8 ON S-3 (REFER NOTE A)
SIGN 3 ON S-4 (REFER NOTE A)



2" RADIUS, 1" BORDER, WHITE ON BLACK;
SYMBOL RG005; [LEFT] C;
[LANE] C;
2" RADIUS, 1" BORDER, 1" INDENT, BLACK ON WHITE;
[CARPOOLS] B;
[ONLY] B; [5AM-10AM] C;
[3PM-7PM] C;
[MON-FRI] C;

SIGN 3 ON S-4

ANTIOCH BRIDGE SIGN DETAILS

NO SCALE

SD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HUSSEN

CALCULATED-BY
DESIGNED BY

CHECKED BY

NELSON HOM

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC

160

0.0/0.5

14

101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		
						SHEETING COLOR	RETRORE- FLECTIVE ASTM TYPE	SHEETING COLOR	RETRORE- FLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UNFRAMED ALUMINUM (0.063")		
											SOFT		
S-1	1	SPECIAL	0.75 x 0.75	0.56	x	WHITE	III	BLACK	PLAIN	x	0.56		
S-1	2	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-1	3	SPECIAL	0.75 x 0.75	0.56	x	WHITE	III	BLACK	PLAIN	x	0.56		
S-1	4	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-1	5	R82-1 (CA)	2.50 x 5.00	12.50	x	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	x	12.50		
		R82B (CA)	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
		SPECIAL	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
S-2	A-1	SPECIAL	7.50 x 1.00	7.50	x	WHITE	III	BLACK	PLAIN	x	7.50		
S-2	A-2	SPECIAL	12.50 x 1.25	15.63	x	WHITE	III	BLACK	PLAIN	x	15.63		
S-3	2	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x	1.17		
S-3	3	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-3	4	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x	1.17		
S-3	5	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-3	6	SPECIAL	0.92 x 0.92	0.85	x	WHITE	III	BLACK	PLAIN	x	0.85		
S-3	7	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-3	8	R82-1 (1/4) (CA)	2.50 x 5.00	12.50	x	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	x	12.50		
		R82B (CA)	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
		SPECIAL	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
S-4	1	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x	1.17		
S-4	3	R86-3 (CA)	2.50 x 5.50	13.75	x	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	x	13.75		
		SPECIAL	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
S-4	B-5	SPECIAL	5.83 x 2.83	16.52	x	WHITE	III	BLACK	PLAIN	x	16.52		
S-4	B-6	SPECIAL	10.83 x 2.91	31.51	x	WHITE	III	BLACK	PLAIN	x	31.51		
S-4	B-7	SPECIAL	2.50 x 1.67	4.17	x	WHITE	III	BLACK	PLAIN	x	4.17		
S-4	B-8	SPECIAL	2.50 x 1.67	4.17	x	WHITE	III	-	-	x	4.17		
S-5	1	SPECIAL	0.83 x 0.25	0.21	x	WHITE	III	BLACK	PLAIN	x	3 x 0.21 = 0.63	TOTAL OF 3 SIGNS	
S-5	2	SPECIAL	1.00 x 0.75	0.75	x	WHITE	III	BLACK	PLAIN	x	3 x 0.75 = 2.25	TOTAL OF 3 SIGNS	
S-5	3	SPECIAL	1.75 x 0.17	0.30	x	WHITE	III	BLACK	PLAIN	x	3 x 0.30 = 0.90	TOTAL OF 3 SIGNS	
TOTAL											86.25	80.42	

1

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

1

ANTIOCH BRIDGE
SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
15 IN INCHES

0

1

2

3

USERNAME => beshoy_demyan
DGN FILE => ... \Addendum\ANT-S0-2.-AD.dgn

BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 12:58:34 PM

02/22/10



Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC

160

0.0/0.5

19

101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

PAVEMENT DELINEATION QUANTITIES

SHEET No.	STATION LIMITS	LOCATION	DETAIL NO. OR PAVEMENT MARKING		PAVEMENT MARKER			THERMOPLASTIC TRAFFIC STRIPE				PAVEMENT MARKING		REMOVE			
				LENGTH	RETROREFLECTIVE			4 in YELLOW SOLID	4 in WHITE SOLID	8 in (WHITE BROKEN 12-3)	8 in WHITE SOLID	THERMOPLASTIC	PAINT	THERMOPLASTIC TRAFFIC STRIPE		PAVEMENT MARKER	PAVEMENT MARKING
					TYPE C	TYPE G	TYPE H						12 in YELLOW DIAGONAL STRIPE				
														LF	EA	EA	EA
PD-3	"ARM" 120+12.00 TO 122+50.00 NB	R+	37	238	6	12				238				238	LF	EA	SQFT
PD-4	"ARM" 122+50.00 TO 122+71.16 NB	R+	37	21	2					21				21		2	
	"ARM" 122+71.16 TO 126+79.14 NB	R+	38	408		18					408			408		18	
	"ARM" 122+71.16 TO 125+20.00 NB	R+	25	249			6	249							249	6	
	"ARM" 128+48.49 TO 130+36.98 NB	R+	38M	188		9			188					188		9	
	"ARM" 125+20.00 TO 126+45.06 NB	R+	37	125	8	3								125		11	
	"ARM" 126+52.00 TO 127+10.00 NB	R+	"FASTRAK ONLY"								65						65
	"ARM" 122+71.16 TO 125+20.00 NB	R+	YELLOW DIAGONAL									110					
	"ARM" 129+00.00 TO 130+48.30 NB	R+		148									148				
	"ARM" 125+50.00 NB	R+	DIAMOND SYMBOL								11						
	"ARM" 126+58.00 NB	R+	DIAMOND SYMBOL								11						
	"ARM" 123+25.00 NB	R+	TYPE "V" ARROW								33						33
"ARM" 124+50.00 NB	R+	TYPE "V" ARROW								33						33	
TOTAL					16	42	6	249	188	384	408	153	110	1129	249	65	131


ANTIOCH BRIDGE
PAVEMENT DELINEATION QUANTITIES



REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

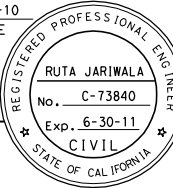
PDQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	28	101


 _____ 2-5-10
 REGISTERED CIVIL ENGINEER DATE

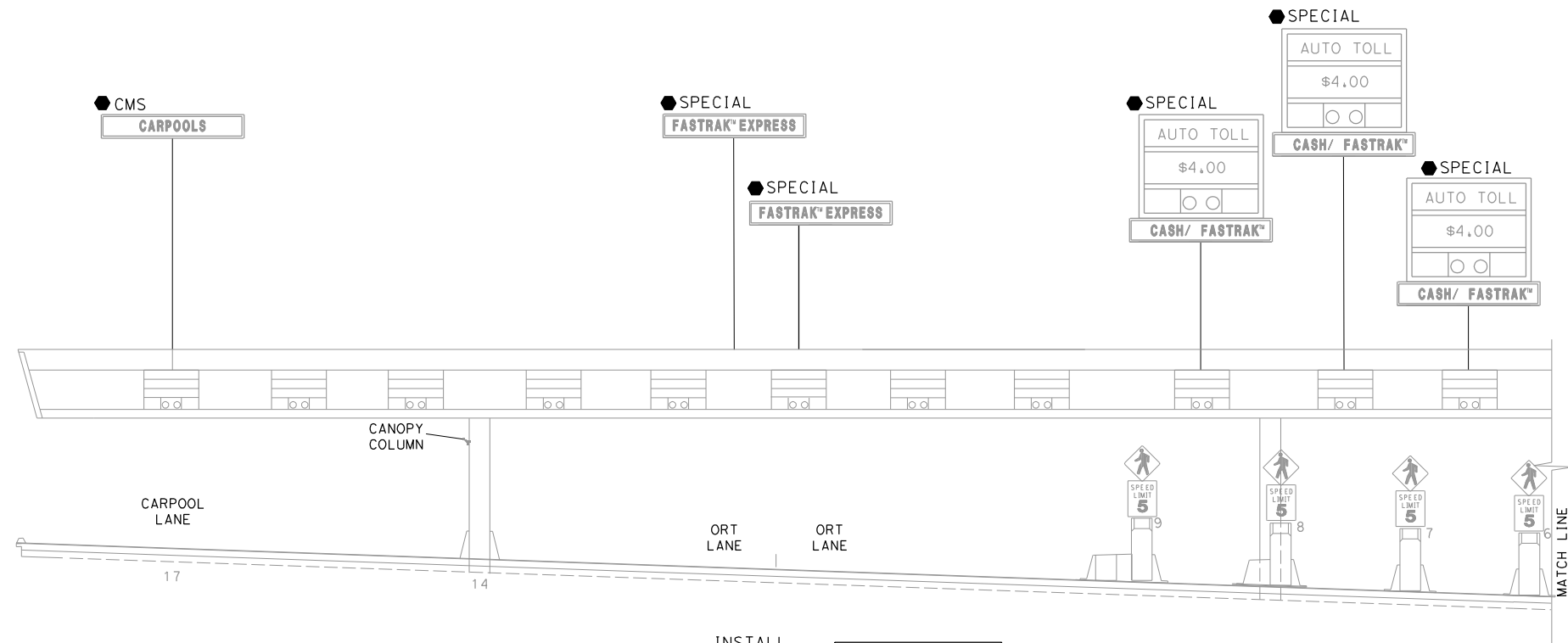
February 8, 2010

PLANS APPROVAL DATE



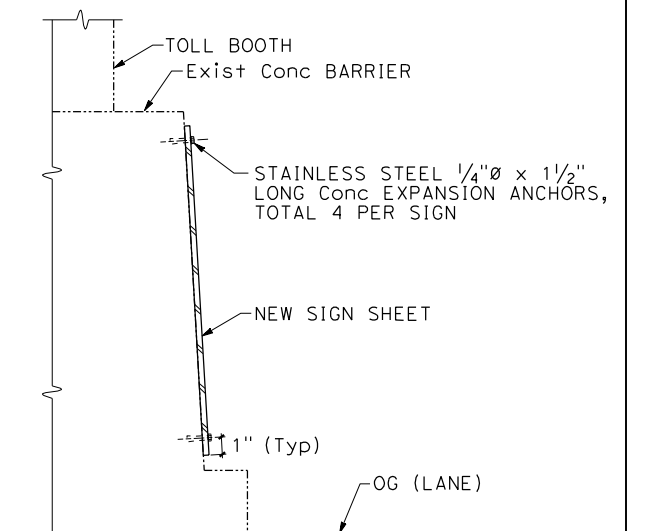
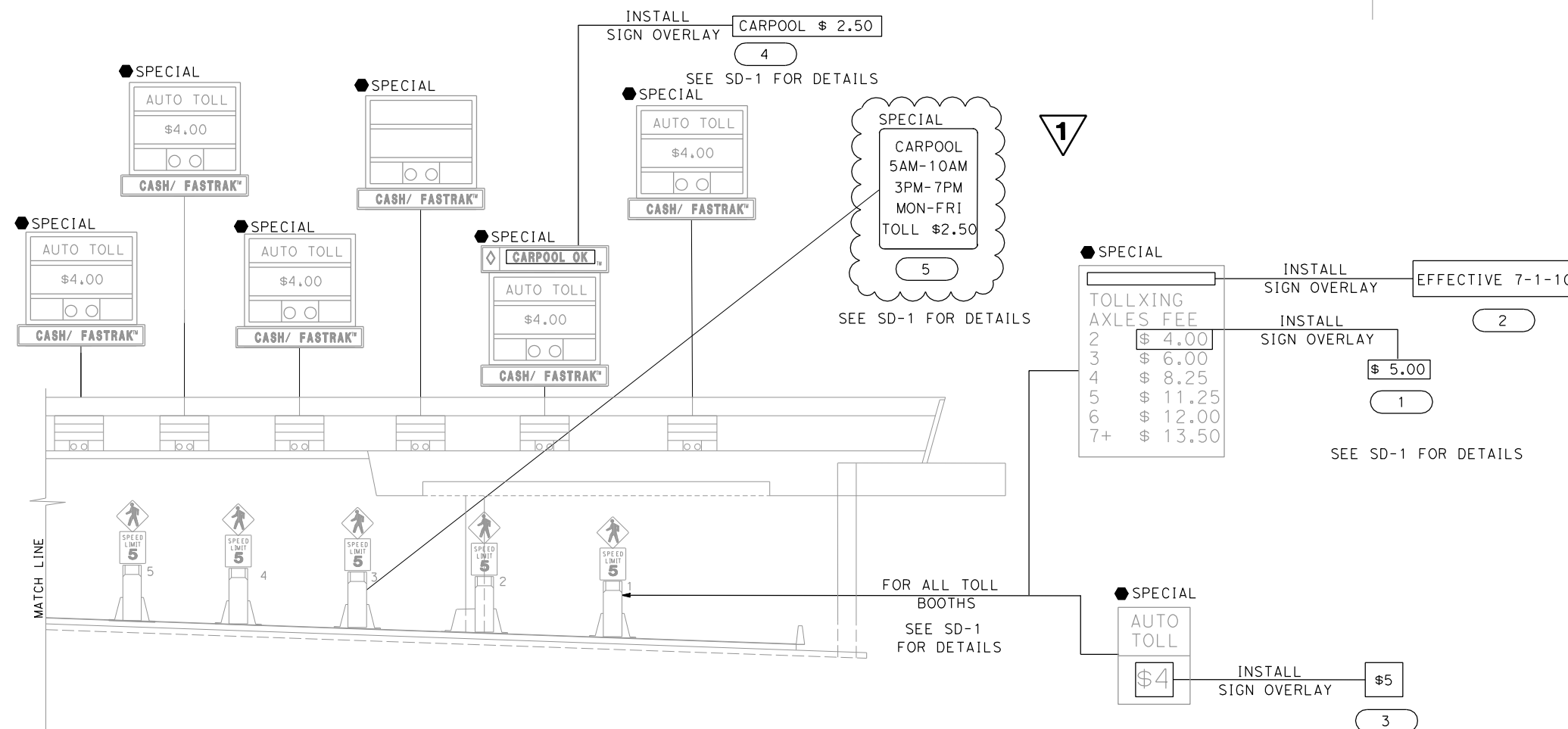
*THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.*

URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---



NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.
2. ADD NEW SIGN (FOR HOV TOLLING) ON BOOTH NO. 3



TYPICAL SIGN ANCHOR DETAIL AT TOLL BOOTH

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

BENICIA BRIDGE TOLLING SIGN PLANS

NO SCALE

S - 9

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

A horizontal number line with tick marks at 0, 0.5, 1, 1.5, and 2. The numbers 0, 1, and 2 are labeled above the line.

```

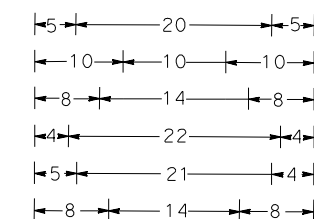
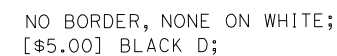
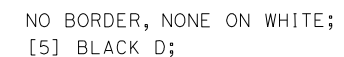
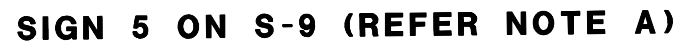
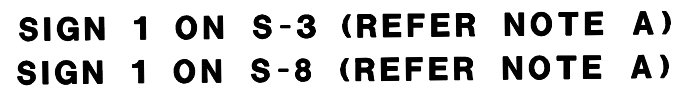
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DGN FILE => ... \08_Benicia\SIGNS\S-9-AD.dgn

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BATA-005

02/22/10	TIME PLOTTED => 12:58:47 PM
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1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010



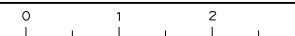
SIGN 1 ON S-3

NO SCALE

SD-1

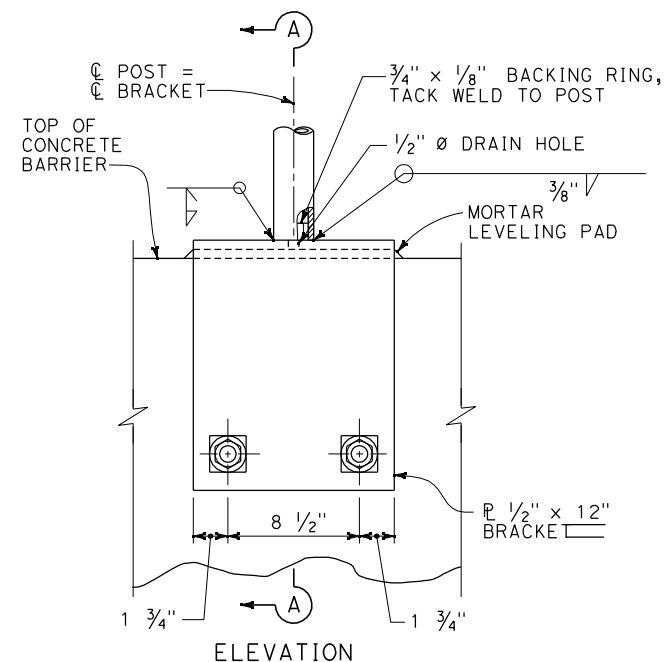
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LAST REVISION	02/22/10

RELATIVE BORDER SCALE
IS IN INCHES

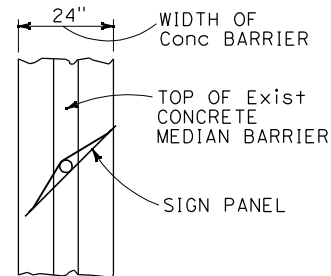


BATA-005

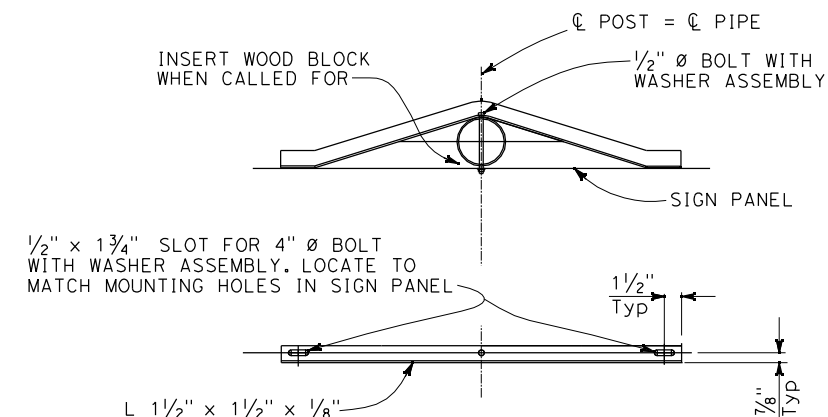
1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010



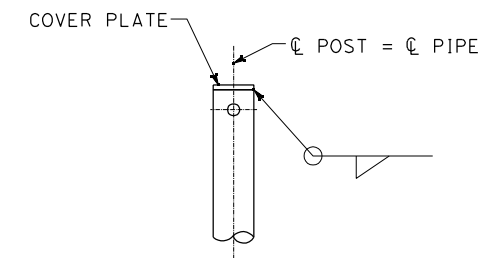
MOUNTING BRACKET



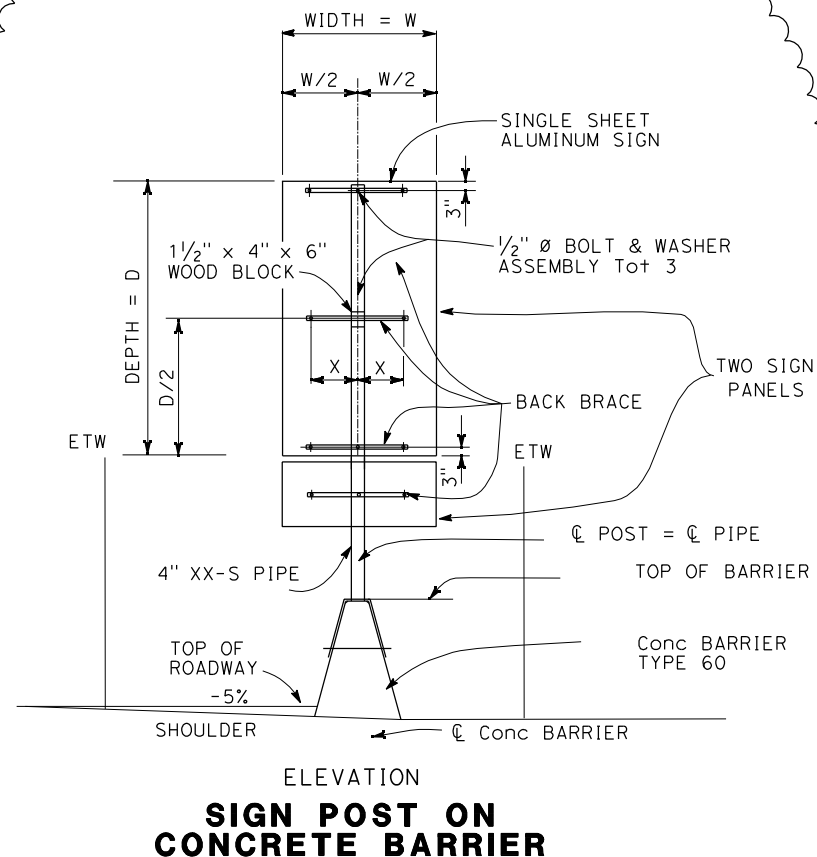
SKEW SIGN PANEL INSTALLATION DETAIL



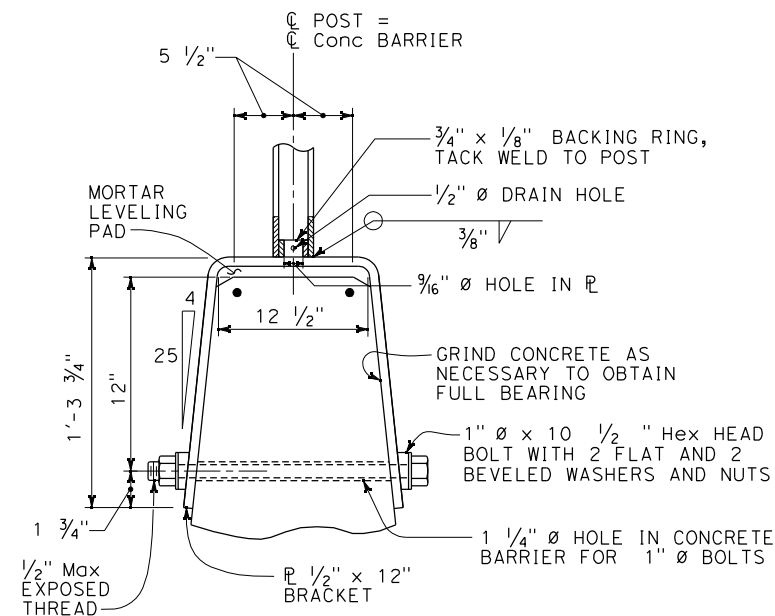
BACK BRACE DETAILS



TOP OF POST DETAIL



SIGN POST ON CONCRETE BARRIER



SECTION A-A

BASE PLATE AND ANCHORAGE DETAILS

SIGN 1 ON S-3


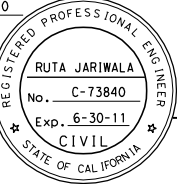
- NOTES:

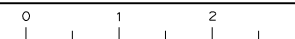
1. FOR DETAILS NOT SHOWN SEE STANDARD PLANS
2. WASHER ASSEMBLY CONSISTS OF TWO
FLAT WASHERS, NUT, FIBER WASHER AND JAM NUT.
3. ALL SIGN PANELS ARE CONTRACTOR FURNISHED.
4. ALL STEEL GALVANIZED AFTER FABRICATION.

BENICIA BRIDGE SIGN DETAILS

NO SCALE

SD - 2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS
04	CC	680	23.2/24.9	30 101
			2-5-10	
REGISTERED CIVIL ENGINEER			DATE	
February 8, 2010				
PLANS APPROVAL DATE				
<p><i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i></p>				
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607	



x


x

x

x

x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

DESIGNED BY

CHECKED BY


BESHROY DEMYAN

RUTA JARIWALA

REVISED BY

DATE REVISED

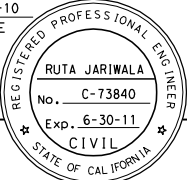
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	31	101



2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010
PLANS APPROVAL DATE



THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

ROADSIDE SIGN QUANTITIES


SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	INSTALL SIGN PANEL ON TOLL BOOTH	INSTALL SIGN OVERLAY (N)	METAL (BARRIER MOUNTED SIGN)	REMARKS
			FT x FT	EA	EA	EA	LB	
S-3	1	R86 SPECIAL (CA)	2.50 x 5.50				160	NEW SIGN (BARRIER MOUNTED SIGN)
		SPECIAL	2.50 x 2.00					
S-4	1	R82-1 CA)	2.50 x 5.00				160	NEW SIGN (BARRIER MOUNTED SIGN)
S-5	1	SPECIAL	0.92 x 0.92			1		OVERLAY "4" WITH "5"
S-5	2	SPECIAL	3.00 x 1.50	1				ADD "EFFECTIVE DATE" TO EXISTING POST
S-5	3	SPECIAL	0.42 x 0.42			1		OVERLAY "4" WITH "5"
S-5	4	SPECIAL	3.00 x 1.50	1				ADD "EFFECTIVE DATE" TO EXISTING POST
S-8	1	SPECIAL	2.50 x 2.00	1				ADD "FASTRAK REQUIRED TOLL \$2.50" TO THE EXISTING POST
S-9	1	SPECIAL	0.83 x 0.25			9		OVERLAY "\$4.00" WITH "\$5.00"-TOTAL OF 9 SIGNS
S-9	2	SPECIAL	1.75 x 0.17			9		OVERLAY "EFFECTIVE DATE" TO EXISTING SIGN-TOTAL OF 9 SIGNS
S-9	3	SPECIAL	1.00 x 0.75			9		OVERLAY "\$4" WITH "\$5"-TOTAL OF 9 SIGNS
S-9	4	SPECIAL	8.75 x 1.17			1		OVERLAY "CARPOOL OK" WITH "CARPOOL \$2.50"
S-9	5	SPECIAL	2.00 x 2.50		1			NEW SIGN ON TOLL BOOTH 3
TOTAL				3	1	30	320	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM			
						SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	PREMIUM	ROADSIDE		
											SINGLE SHEET UNFRAMED ALUMINUM (0.063")	SQFT	
S-3	1	R86 SPECIAL (CA)	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-4	1	R82-1 CA)	2.50 x 5.00	12.50	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	12.50		
S-5	1	SPECIAL	0.92 x 0.92	0.85	X	WHITE	III	BLACK	PLAIN	X		0.85	
S-5	2	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-5	3	SPECIAL	0.42 x 0.42	0.18	X	WHITE	III	BLACK	PLAIN	X		0.18	
S-5	4	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-8	1	SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-9	1	SPECIAL	0.83 x 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X		9 X 0.21 = 1.89	TOTAL OF 9 SIGNS
S-9	2	SPECIAL	1.75 x 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X		9 X 0.30 = 2.70	TOTAL OF 9 SIGNS
S-9	3	SPECIAL	1.00 x 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X		9 X 0.75 = 6.75	TOTAL OF 9 SIGNS
S-9	4	SPECIAL	8.75 x 1.17	10.24	X	WHITE	III	BLACK	PLAIN	X	10.24		
S-9	5	SPECIAL	2.00 x 2.50	5.00	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	5.00		
TOTAL											50.25	22.61	

BENICIA BRIDGE
SIGN QUANTITIES

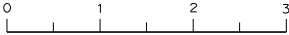
 NO SCALE

SQ-1



REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ...\\08_Benicia\\SIGNS\\SQ-1-AD.dgn

BATA-005

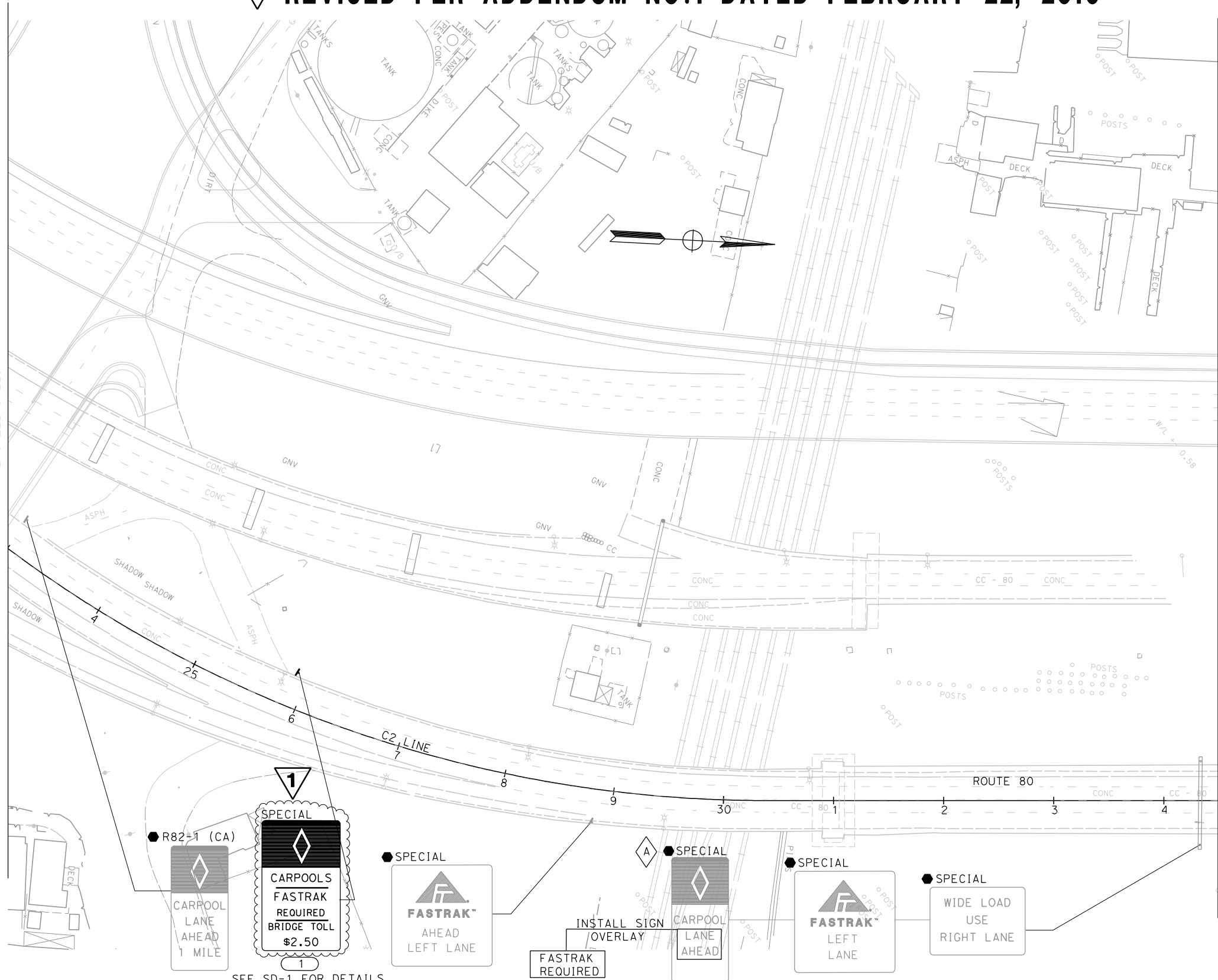
DATE PLOTTED => 2/20/2010
TIME PLOTTED => 12:59:13 PM
LAST REVISION
02/22/10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED- DESIGNED BY	CHECKED BY	PRASHANTH DULLU	RUTA JARIWALA	REVISED BY	DATE REVISED



FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010



SEE SHEET S-3

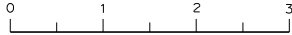
SEE SHEET S-5

THIS PLAN ACCURATE FOR SIGN WORK ONLY.


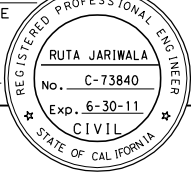
SEE SD-1 FOR DETAILS

SEE SD-1 FOR DETAILS

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS\CARQ-S-04-AD.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	35	101
 REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

CARQUINEZ BRIDGE TOLLING SIGN PLANS

SCALE: 1"=50'

S-4

1



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

1

OVERHEAD SIGN QUANTITIES

SHEET No.	STRUCTURE No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL SIGN OVERLAY (N)	REMARKS
				FT x FT		
S-4	A	A-1	SPECIAL	2.50 X 1.33	1	OVERLAY "LANE AHEAD" WITH "FASTRAK REQUIRED"
S-8	B	B-1	SPECIAL	16.33 X 1.00	1	OVERLAY "TOLL-FREE" WITH "FASTRAK REQUIRED TOLL \$2.50"
TOTAL					2	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL SIGN ON TOLL BOOTH	INSTALL SIGN OVERLAY (N)	REPLACE SIGN PANEL (ROADSIDE SIGN)	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD) (SSBM)	REMARKS
			FT x FT					
S-1	1	SPECIAL	0.75 x 0.75		1			OVERLAY "4" WITH "5"
S-1	2	SPECIAL	3.00 x 1.50			1		REPLACE SIGN PANEL WITH "NEW DATE"
S-4	1	SPECIAL	3.50 x 6.50				1	NEW SIGN (ON LUMINAIRE)
S-8	1	SPECIAL	1.08 x 1.08		1			OVERLAY "4" WITH "5"
S-8	2	SPECIAL	3.00 x 1.50			1		REPLACE SIGN PANEL WITH "NEW DATE"
S-9	1	SPECIAL	1.75 x 0.17		12			OVERLAY "EFFECTIVE DATE" TO EXISTING SIGN - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	2	SPECIAL	0.83 x 0.25		12			OVERLAY "\$4.00" WITH "\$5.00" - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	3	SPECIAL	1.00 x 0.75		12			OVERLAY "\$4" WITH "\$5" - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	4	SPECIAL	11.67 x 1.00		1			OVERLAY "CASH/FASTRAK" WITH "CASH ONLY"
S-9	5	R82 SPECIAL	2.00 x 2.50	1				INSTALL NEW SIGN
TOTAL				1	39	2	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL		REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	PREMIUM			
										SQFT	SQFT		
S-1	1	SPECIAL	0.75 x 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X		0.56	
S-1	2	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-4	1	R82 SPECIAL	3.50 x 6.50	22.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	22.75		
S-4	A-1	SPECIAL	2.50 X 1.33	3.33	X	WHITE	III	BLACK	PLAIN	X		3.32	
S-8	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X		1.17	
S-8	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-8	B-1	SPECIAL	16.33 X 1.00	16.33	X	WHITE	III	BLACK	PLAIN	X		16.33	
S-9	1	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X		12 X 0.30 = 3.60	TOTAL OF 12 SIGNS
S-9	2	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X		12 X 0.21 = 2.52	TOTAL OF 12 SIGNS
S-9	3	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X		12 X 0.75 = 9.00	TOTAL OF 12 SIGNS
S-9	4	SPECIAL	11.67 x 1.00	11.67	X	WHITE	III	BLACK	PLAIN	X		11.67	
S-9	5	R82 SPECIAL	2.00 X 2.50	5.00	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	5.00		
TOTAL											36.75	48.17	

1

CARQUINEZ BRIDGE

SIGN QUANTITIES

REVIS

1

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

NO SCALE

SQ-1

RELATIVE BORDER SCALE IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan

DGN FILE => ... \SIGNS\CARQ-SQ-01-Addgn.dgn

BATA-005

DATE PLOTTED => 2/20/2010

TIME PLOTTED => 12:59:41 PM

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

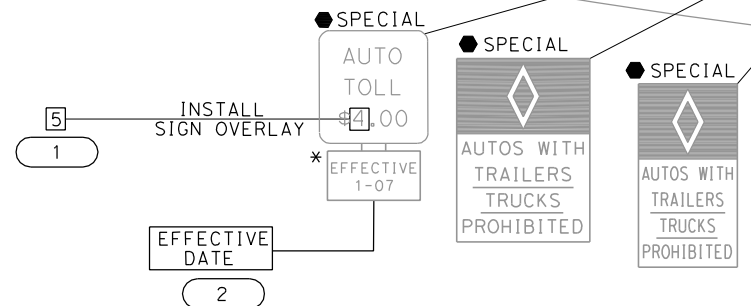
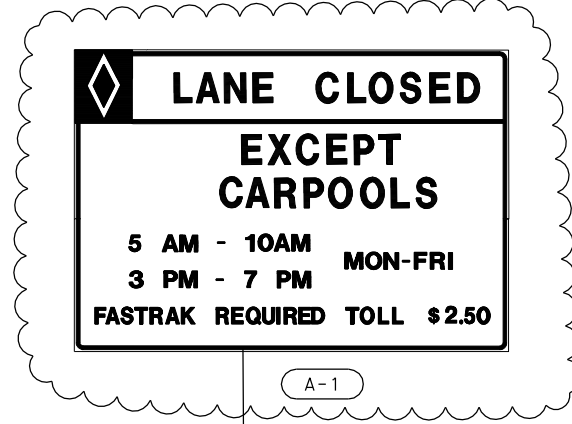
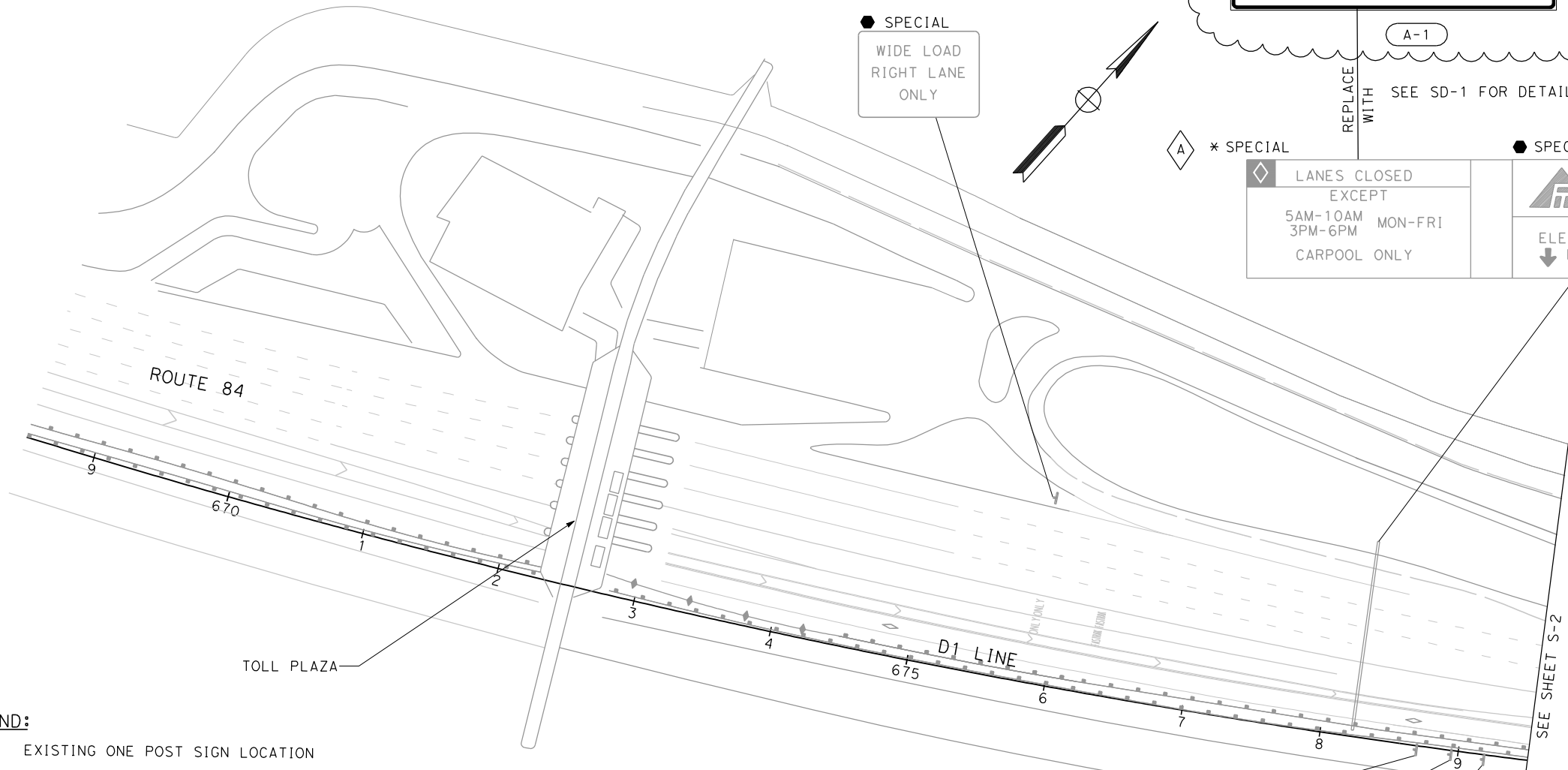
NOTES:

1. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL ROADSIDE SIGNS ARE TO BE MOUNTED ON S4S WOOD POSTS, UNLESS OTHERWISE INDICATED.
3. SEE SD-1 AND SD-2 FOR CONTRACTOR FURNISHED SIGN PANELS.

4. POST SIZE AND LENGTH GIVEN ARE APPROXIMATE, EXACT SIZE AND LENGTH TO BE DETERMINED BY THE ENGINEER.
5. FOR POST AND SIGN DETAILS NOT SHOWN, REFER TO STANDARD PLAN SHEETS RS1 THROUGH S8.
6. SEE SD-2 FOR BARRIER MOUNTING DETAILS.
7. REFER TO STANDARD PLANS FOR DETAILS NOT SHOWN.

LEGEND:

- EXISTING ONE POST SIGN LOCATION
- EXISTING TWO POST SIGN LOCATION
- EXISTING OVERHEAD SIGN
- PROPOSED ONE POST SIGN LOCATION
- PROPOSED TWO POST SIGN LOCATION
- OVERHEAD SIGN LETTER
- ROADSIDE SIGN NUMBER
- CMS CHANGEABLE MESSAGE SIGN
- REPLACE SIGN PANEL
- EXISTING SIGN TO REMAIN



1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

DUMBARTON BRIDGE TOLLING SIGN PLANS

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SCALE: 1"=50' S-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	43	101

REGISTERED CIVIL ENGINEER

2-5-10 DATE

February 8, 2010

PLANS APPROVAL DATE

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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

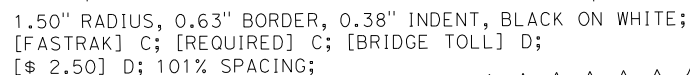
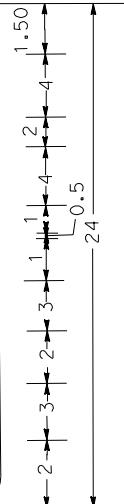
No. C-73840

Exp. 6-30-11

CIVIL

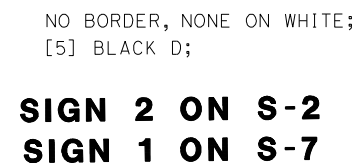
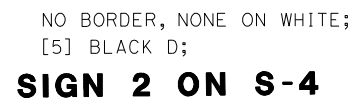
STATE OF CALIFORNIA

1

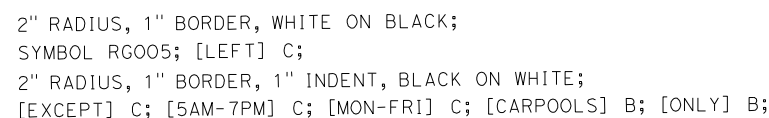


1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON WHITE;
[EFFECTIVE] D; [7-1-10] D;

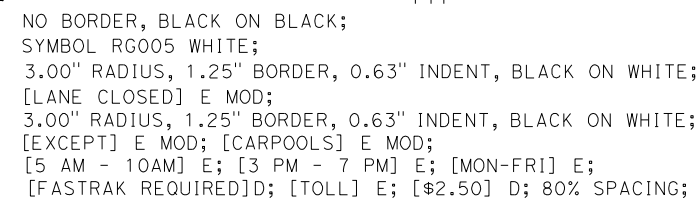
ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN



(REFER NOTE A)



SIGN 1 ON S-4
SIGN 1 ON S-6
SIGNS 3, 4, 5, AND 6 ON S-7



**SIGN A-1 ON S-1
DUMBARTON BRIDGE
SIGN DETAILS**

NO SCALE **SD-1**

REGISTERED CIVIL ENGINEER 2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

DATE PLOTTED => 2/20/2010	TIME PLOTTED => 12:59:52 PM
LAST REVISION	
02/22/10	




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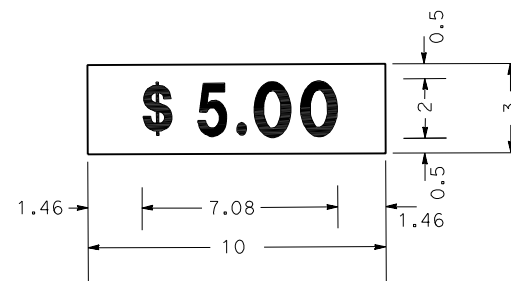
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BATA-005

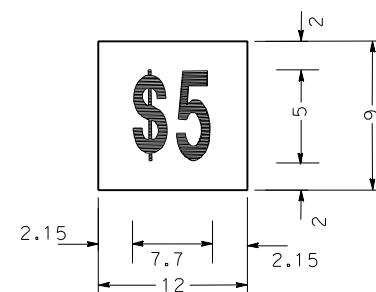
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	PRASHANTH DULLU	REVISED BY	
	RAMSEY HUSSEN	CHECKED BY	RUTA JARIWALA	DATE REVISED	

ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN



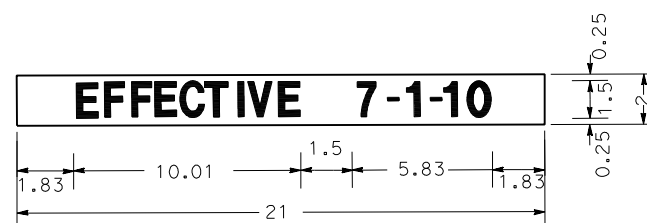
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SIGN 1 ON S-8



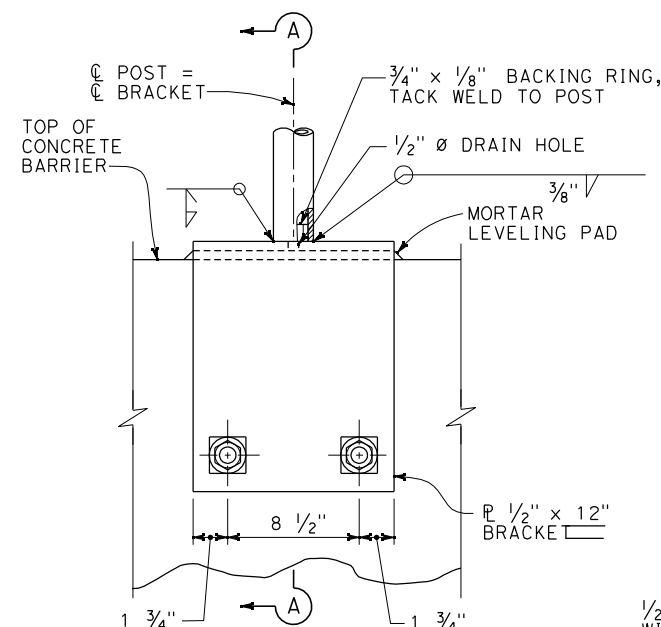
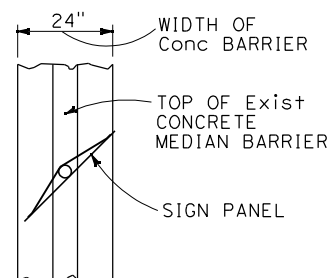
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SIGN 2 ON S-8



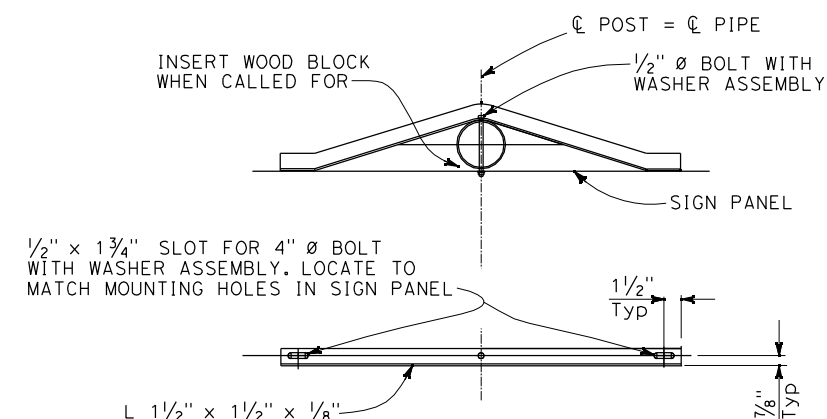
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[EFFECTIVE 7-1-10] BLACK D;

SIGN 3 ON S-8

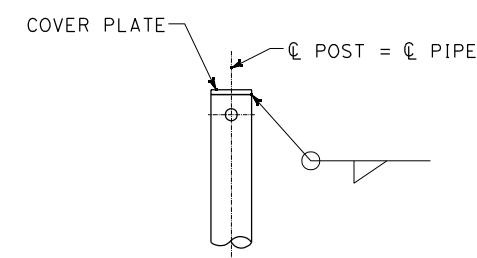


ELEVATION

MOUNTING BRACKET



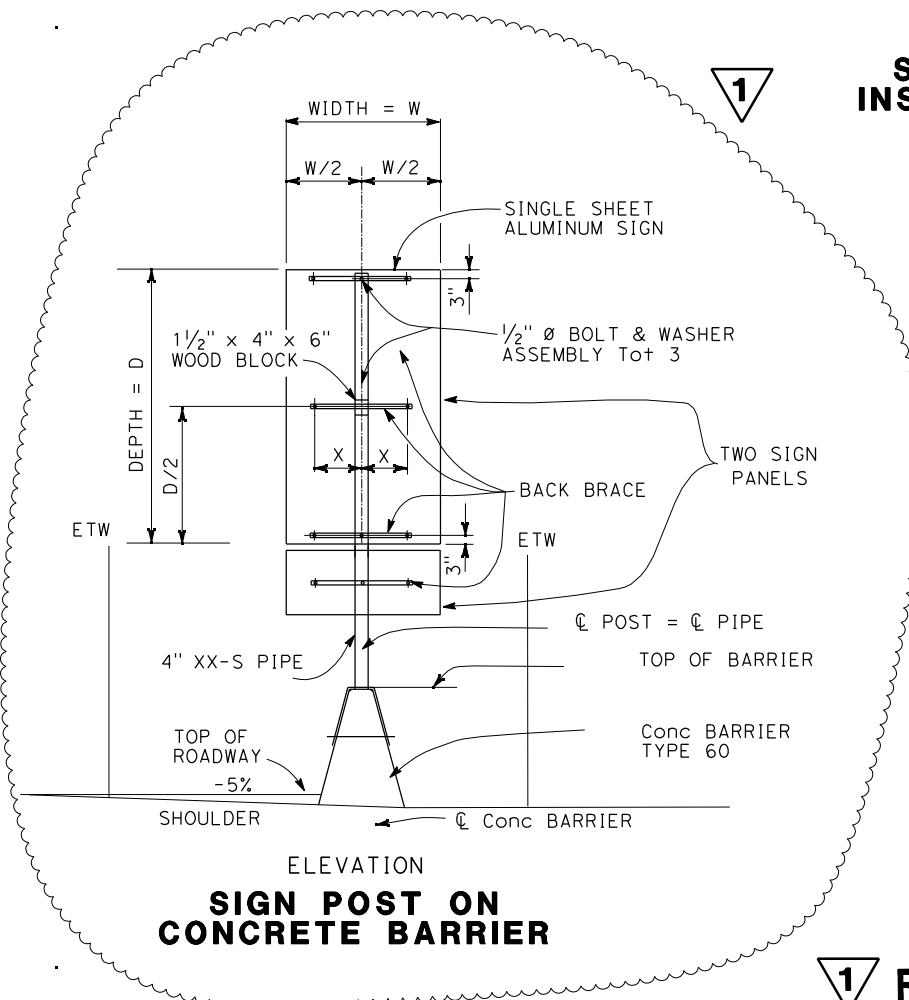
BACK BRACE DETAILS



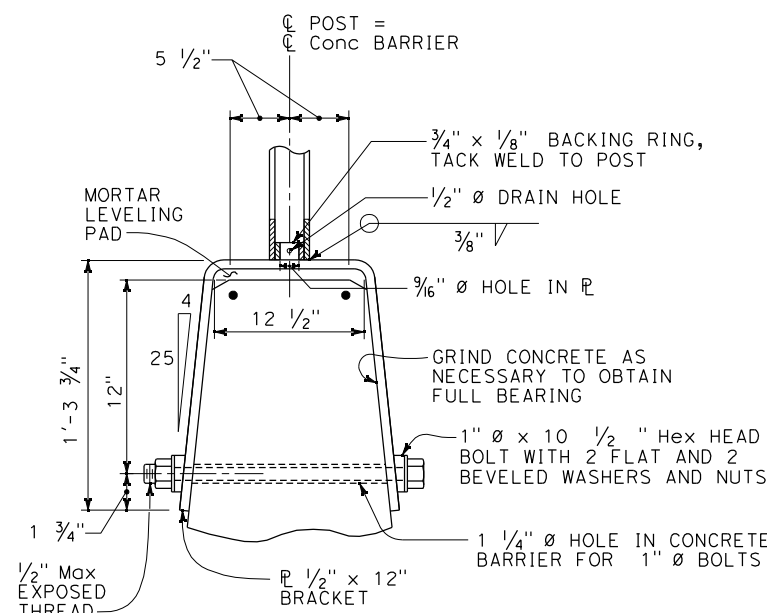
TOP OF POST DETAIL

NOTES:

1. FOR DETAILS NOT SHOWN SEE STANDARD PLANS
2. WASHER ASSEMBLY CONSISTS OF TWO
FLAT WASHERS, NUT, FIBER WASHER AND JAM NUT.
3. ALL SIGN PANELS ARE CONTRACTOR FURNISHED.
4. ALL STEEL GALVANIZED AFTER FABRICATION.



SIGN POST ON CONCRETE BARRIER

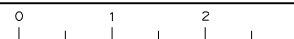


SECTION A-A

BASE PLATE AND ANCHORAGE DETAILS

1 REVISED PER ADDENDUM NO. 1 DATED FEBURARY 22, 2010

SD-2



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USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS \SD-2-ADdqn.dgn

```

	BATA-005
--	----------

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC/SOL

80

13.3/0.6

54

101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL		OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE	OVERHEAD		
						SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UNFRAMED ALUMINUM (0.063")	FORMED WITH RSPF		
											SQFT	SQFT		
S-1	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X			1.17	
S-1	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-1	A-1	SPECIAL	12.00 X 8.33	99.96	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X		99.96		
S-2	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X			1.17	
S-2	2	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X			0.56	
S-2	3	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-4	1	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-4	2	SPECIAL	0.42 X 0.42	0.18	X	WHITE	III	BLACK	PLAIN	X			0.18	
S-4	3	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-6	1	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	1	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X			0.56	
S-7	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-7	3	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	4	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	5	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	6	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-8	1	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X			6 X 0.21 = 1.26	TOTAL OF 6 SIGNS
S-8	2	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X			6 X 0.75 = 4.50	TOTAL OF 6 SIGNS
S-8	3	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X			6 X 0.30 = 1.80	TOTAL OF 6 SIGNS
TOTAL											130.50	99.96	11.20	

1

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

DUMBARTON BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan


DGN FILE => ... \SIGNS\DB-SQ-02-AD.dgn

BATA-005

DATE PLOTTED => 2/20/2010

TIME PLOTTED => 1:20:13 PM

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISED BY	
	RAMSEY HESSEN	CHECKED BY	DATE	REVISED



SCALE: 1":50'

S - 2

A horizontal number line with tick marks at 0, 0.5, 1, 1.5, and 2. The numbers 0, 1, and 2 are labeled above the line.

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DGN FILE => ... \SIGNS\RICH-S-2-AD.dgn

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BATA-005

DATE PLOTTED => 2/20/2010	LAST REVISION
TIME PLOTTED => 1:00:19 PM	
02/22/10	

x
x

x

x

x

x

✕

✕

✕

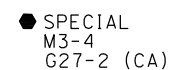
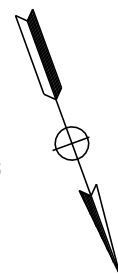


CENTER
LANE

3 OR MORE
PERSONS
PER VEHICLE
TOLL FREE

5AM-10AM
3PM-7PM
MON-FRI

SEE SD-1 FOR DETAILS

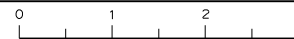


**TOLL
CROSSING
ENTRANCE**

WEST



RELATIVE BORDER SCALE
IS IN INCHES




SCALE: 1":50'

S - 3

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEET
04	CC	580	5.4/6.2	57	101



 REGISTERED CIVIL ENGINEER

2-5-10
 DATE

RUTA JARIWALA
 No. C-73840
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

February 8, 2010

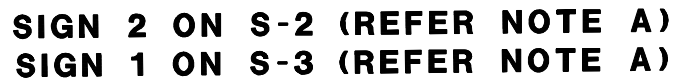
PLANS APPROVAL DATE

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URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---

DATE PLOTTED => 2/20/2010	LAST REVISION
TIME PLOTTED => 1:00:25 PM	

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INCHES UNLESS OTHERWISE SHOWN



SIGN 6 ON S-2

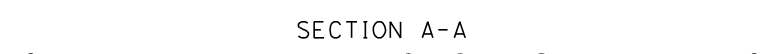
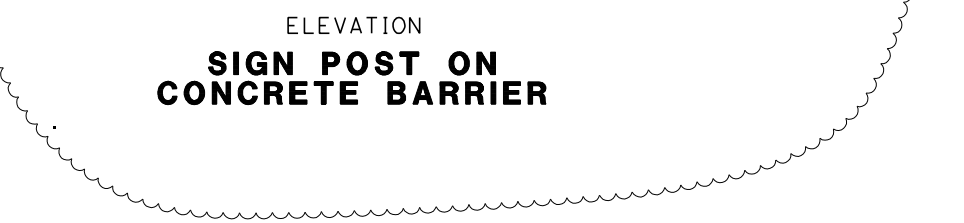
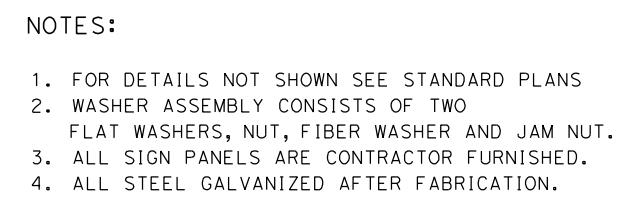


NO SCALE

SD-1

Subaru

URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---



BASE PLATE AND ANCHORAGE DETAILS

RICHMOND-SAN RAFAEL BRIDGE SIGN DETAILS

NO SCALE

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

SD - 2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	CALCULATED-DESIGNED BY	REVISOR	DATE
ETG	RAMSEY HUSSEN	NAYAN AMIN	RUTA JARIWALA	REVISOR	DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	65	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

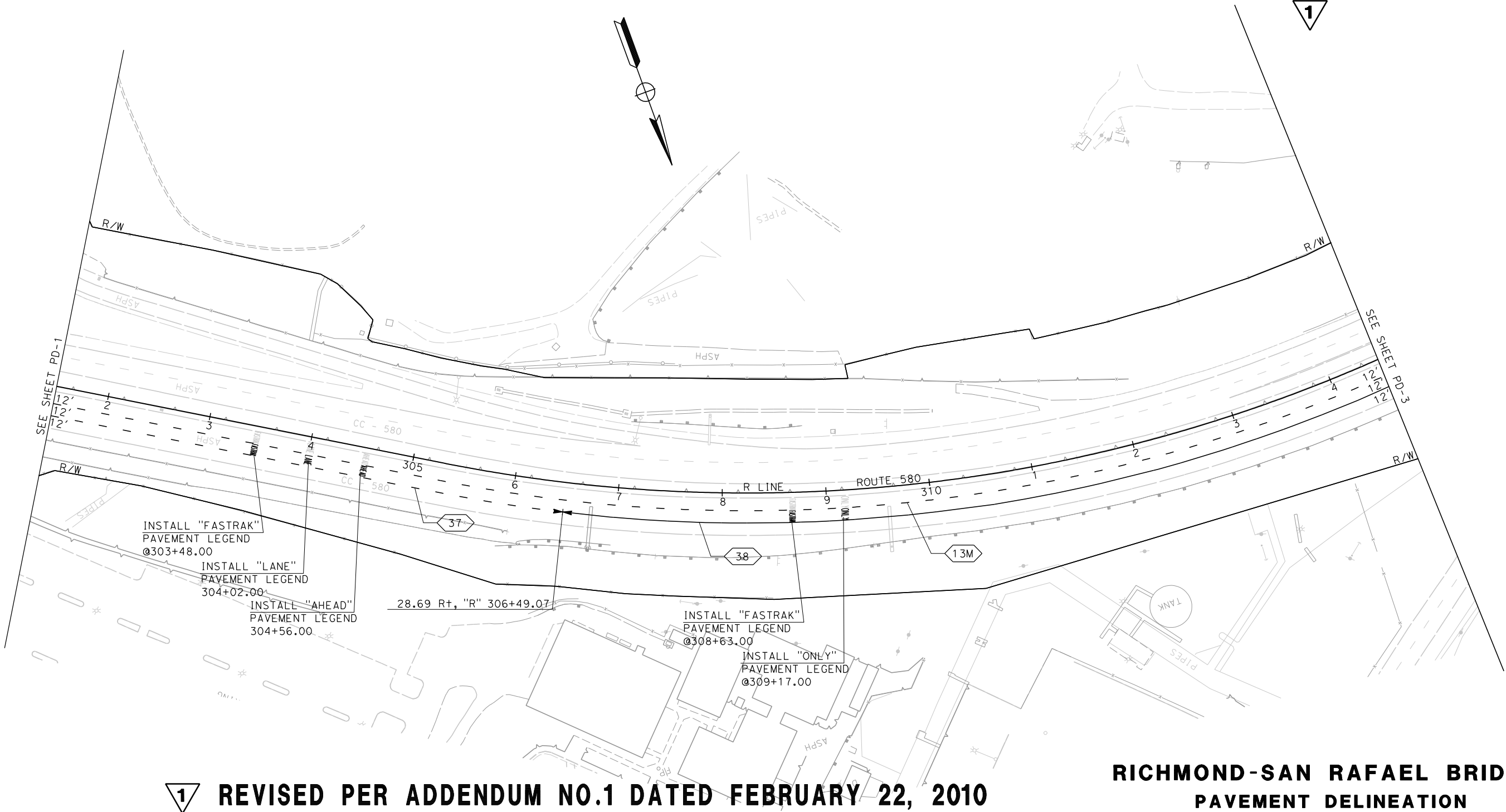
Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607



1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

**RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION**

SCALE: 1"=50' PD-2

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY



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DGN FILE => ...\\05_Richmond\\PD\\RICH-PD-2.dgn

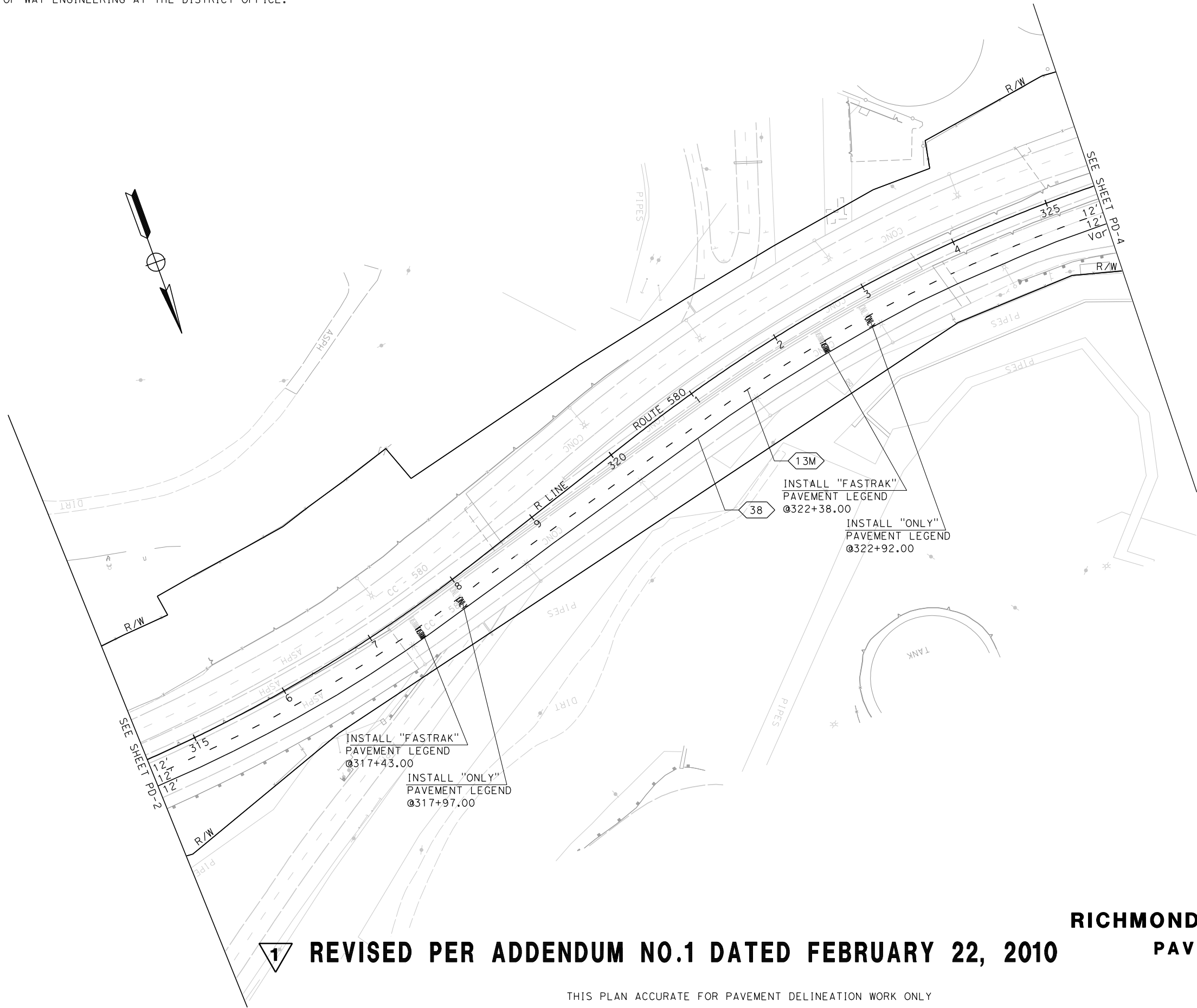
BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 1:00:50 PM
LAST REVISION
02/22/10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED- DESIGNED BY	NAYAN AMIN	REVISED BY	
	RAMSEY HUSSEN					

ctb•Caltrans®	
----------------------	--

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	66	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

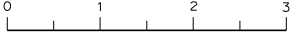
RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION

SCALE: 1"=50'

PD-3

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

RELATIVE BORDER SCALE
15 IN INCHES



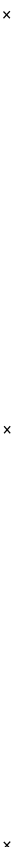
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BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 1:00:55 PM
02/22/10

[illegible]

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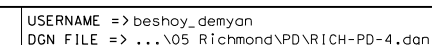
x

STATE OF CALIFORNIA

et altrans®

PD-4

x

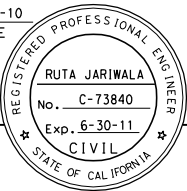


DATE PLOTTED => 2/20/2010	TIME PLOTTED => 1:01:00 PM
LAST REVISION	
02/22/10	

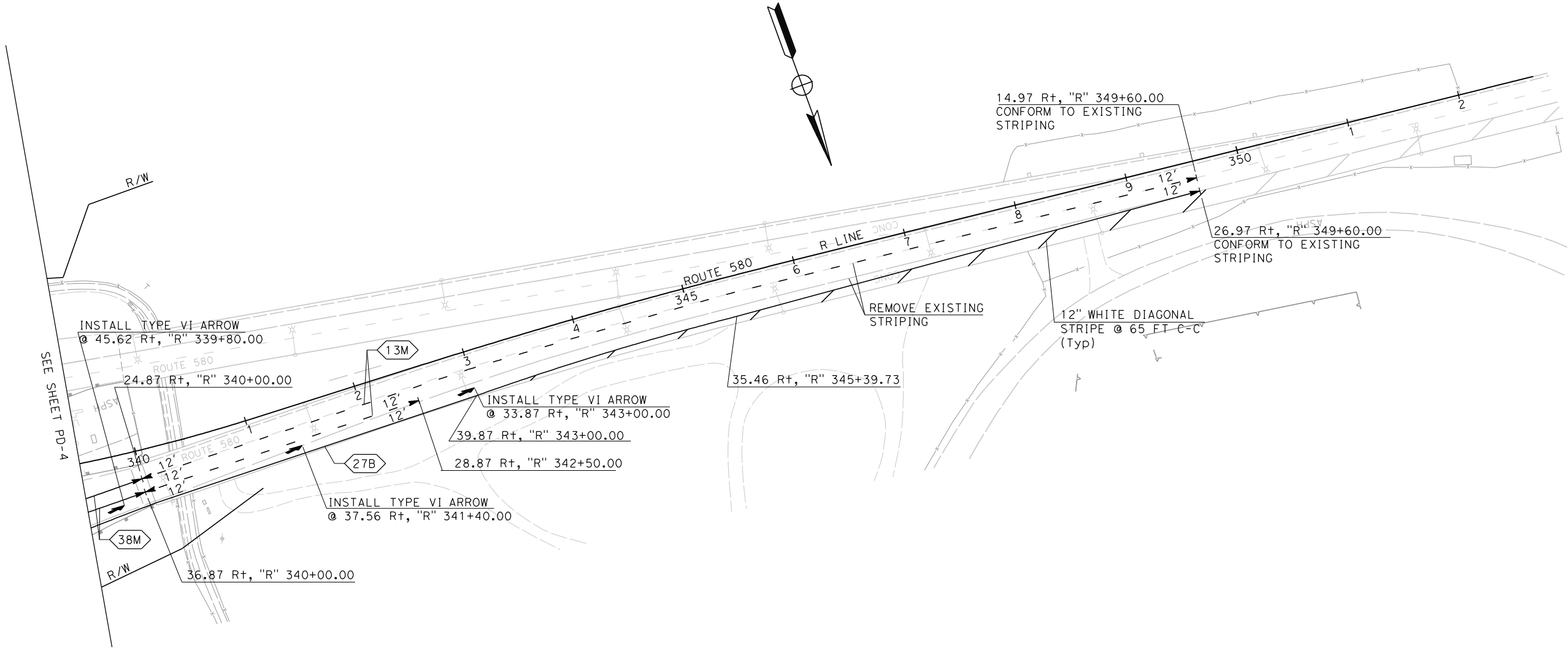
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	NAYAN AMIN	REVISOR	DATE
RAMSEY HUSSEN	DESIGNED BY	NAYAN AMIN	REVISOR	DATE	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	67-A	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
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1



1

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION

SCALE: 1"=50'

PD-5

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY



USERNAME => beshoy_demyan
DGN FILE => ...\\05_Richmond\\PD\\RICH-PD-5.dgn

BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 1:01:06 PM
LAST REVISION
02/22/10



Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC

580

5.4/6.2

68

101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010

PLANS APPROVAL DATE

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100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

PAVEMENT DELINEATION QUANTITIES

SHEET No.	STATION LIMITS	LOCATION	DETAIL NO. OR PAVEMENT MARKING	LENGTH	PAVEMENT MARKER				THERMOPLASTIC TRAFFIC STRIPE					PAVEMENT MARKING		REMOVE								
					NON- REFLE- CTIVE	RETROREFLECTIVE				4 in YELLOW SOLID	4 in WHITE SOLID	8 in (WHITE BROKEN 12-3)	4 in (WHITE BROKEN 36-12)	8 in WHITE SOLID	THERMOPLASTIC	PAINT		THERMOPLASTIC TRAFFIC STRIPE		PAINT TRAFFIC STRIPE	PAVEMENT MARKER	PAVEMENT MARKING		
																12 in WHITE	12 in YELLOW							
						TYPE A or AY	TYPE C	TYPE G	TYPE H							DIAGONAL STRIPE	WHITE	YELLOW	WHITE				ALL TYPES	ALL TYPES
						LF	EA	EA	EA							EA	LF	LF					LF	LF
PD-1	"R" 293+50 TO 301+50 WB	R+	13M	800	67			18					800					800			84			
	"R" 293+50 TO 301+50 WB	R+	37	800				55				800						800			55			
	"R" 293+89 TO 294+97 WB	R+	"FASTRAK LANE AHEAD"										98											
	"R" 298+56 TO 299+64 WB	R+	"FASTRAK LANE AHEAD"										98											
PD-2	"R" 301+50 TO 314+50 WB	R+	13M	1300	108			28					1300					1300			136			
	"R" 301+50 TO 306+49.07 WB	R+	37	499			8	28				499						499			36			
	"R" 306+49.07 TO 314+50 WB	R+	38	801				34					801					801			34			
	"R" 303+48 TO 304+56 WB	R+	"FASTRAK LANE AHEAD"										98											
PD-3	"R" 308+63 TO 309+17 WB	R+	"FASTRAK ONLY"											65										
	"R" 314+50 TO 325+50 WB	R+	13M	1100	92			24					1100					1100			116			
	"R" 314+50 TO 325+50 WB	R+	38	1100				47						1100				1100			47			
	"R" 317+43 TO 317+97 WB	R+	"FASTRAK ONLY"											65										
PD-4	"R" 322+38 TO 322+92 WB	R+	"FASTRAK ONLY"											65										
	"R" 332+79.47 TO 333+90.43 WB	R+	38	111				6						111				111			6			
	"R" 325+50 TO 333+90.43 WB	R+	38	840				36						840				840			36			
	"R" 325+50 TO 333+90.43 WB	R+	13M	840	70			19					840	840				840			89			
PD-5	"R" 329+38.23 TO 331+29.47 WB	R+	25	191				5	191										191		5			
	"R" 331+29.47 TO 332+79.47 WB	R+	37	150			8	5				150						150			13			
	"R" 334+66.32 TO 339+50 WB	R+	38M	967				41			967							967			41			
	"R" 334+66.32 TO 335+16.32 WB	R+	12	100				3					100					100			3			
PD-5	"R" 334+66.32 TO 336+66.33 WB	R+	38M	200				9			200							200			9			
	"R" 337+01.87 TO 339+50 WB	R+	27B	248							248							248						
	"R" 329+38.23 TO 331+29.47 WB	R+	YELLOW DIAGONAL													51								
	"R" 332+04 WB	R+	DIAMOND SYMBOL											11										
PD-5	"R" 332+92 WB	R+	DIAMOND SYMBOL											11										
	"R" 329+76.54 TO 331+53.92 WB	R+		177														177			5			
	"R" 336+66.33 TO 337+40.88 WB	R+		75														75			3			
	"R" 332+12.00 TO 332+66.00 WB	R+	"FASTRAK ONLY"											65								65		
PD-5	"R" 327+40.00 TO 327+94.00 WB	R+	"FASTRAK ONLY"											65										
	"R" 339+50 TO 340+00.00 WB	R+	38M	100				5			100							100			5			
	"R" 340+00.00 TO 342+50.00 WB	R+	13M	250	21			6					250					250			27			
	"R" 340+00.00 TO 349+60.00 WB	R+	13M	960	80			21					960					960			101			
PD-5	"R" 339+50 TO 349+60.00 WB	R+	27B	1010							1010							1010						
	"R" 339+80.00 WB	R+	TYPE VI ARROW											42										
	"R" 341+40.00 WB	R+	TYPE VI ARROW											42										
	"R" 343+00.00 WB	R+	TYPE VI ARROW											42										
PD-5	"R" 343+00.00 TO 349+60.00 WB	R+	WHITE DIAGONAL													180				255				
	TOTAL				438	16	386	5	191	2526	1449	5350	2852	767	180	51	12429	191	255	851	65			

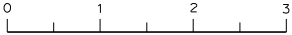


REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION
QUANTITIES

PDQ-1

RELATIVE BORDER SCALE
15 IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ... \05_Richmond\PD\N\RIC-PDQ-1.dgn

BATA-005

EFFECTIVE 7-1-10

TOLL XING FEE

AUTOS

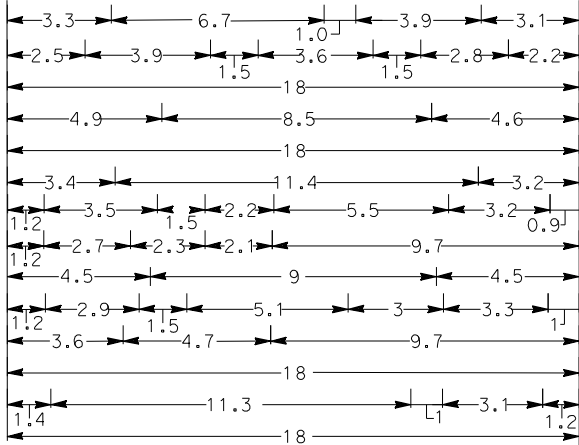
WEEKDAYS

5-10 AM \$6

3-7 PM

ALL OTHER TIMES \$4

WEEKENDS \$5



0.8" RADIUS, 0.1" BORDER, BLACK ON WHITE;
[TOLL XING FEE] C; [AUTOS] D; [WEEKDAYS] C;
[5-10 AM] C; [3-7 PM] C; [\$6] D; [ALL OTHER] C; [TIMES] C;
[\$4] D; [WEEKENDS] C; [\$5] D;

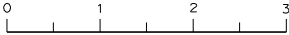
SIGN 4 ON S-8 (REFER NOTE A)

1 REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

NOTE A: CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING THIS SIGN UNTIL JUNE 30, 2010 AT WHICH TIME CONTRACTOR SHALL UNCOVER IT FOR A JULY 1, 2010 EFFECTIVE DATE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN

RELATIVE BORDER SCALE IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS \SF08B-SD-3 AD.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	79	101

REGISTERED CIVIL ENGINEER DATE 2-5-10

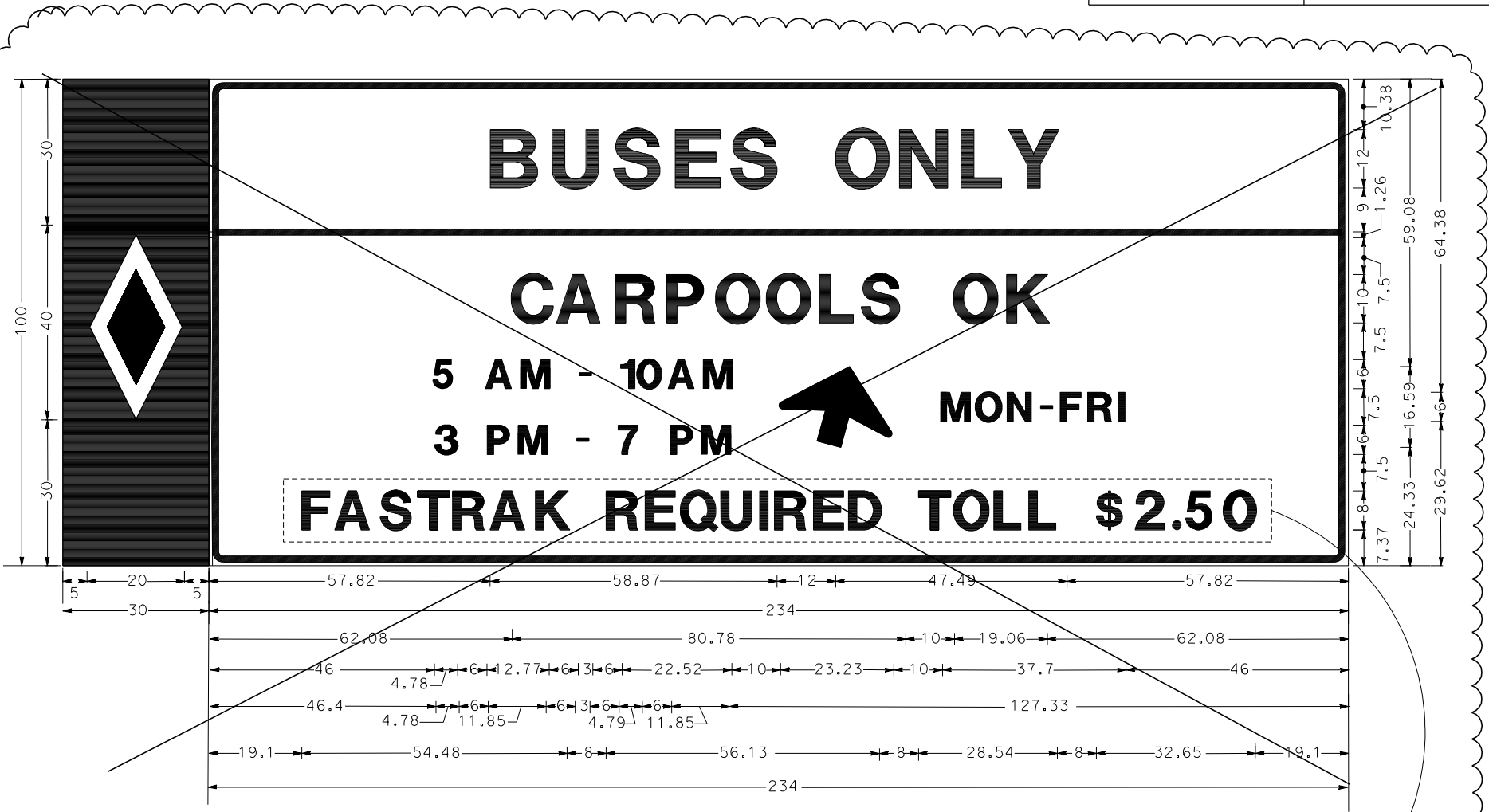
February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

RUTA JARIWALA
No. C-73840
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA



1.88" RADIUS, 0.75" BORDER, 0.50" INDENT, BLACK ON BLACK;
SYMBOL RG005 WHITE;
3.00" RADIUS, 1.25" BORDER, 0.75" INDENT, BLACK ON WHITE;
[BUSES ONLY] E MOD; [CARPOOLS OK] E MOD; [5 AM - 10AM] E Mod; [3 PM - 7 PM] E MOD; DOWN ARROW 16.00" 75°;
[MON-FRI] E Mod; [FASTRAK REQUIRED TOLL \$2.50] E 80% SPACING;

(REFER NOTE A)

SIGN B-10 ON S-3

SAN FRANCISCO-OAKLAND BAY BRIDGE
SIGN DETAILS
NO SCALE
SD-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

RUTVIJ PATEL

RUTA JARIWALA

REVISED BY

DATE REVISED

OVERHEAD SIGN QUANTITIES

SHEET No.	STRUCTURE No.	SIGN No.	SIGN CODE	PANEL SIZE	REPLACE SIGN PANEL (N)	INSTALL SIGN OVERLAY (N)	RELOCATE FRAMED SIGN PANEL	INSTALL NEW SIGN (N)	REMARKS
				FT x FT	EA	EA	EA	EA	
S-2	A	A-4	SPECIAL	-			1		RELOCATE EXISTING SIGN PANEL ON EXISTING STRUCTURE
S-2	A	A-5	SPECIAL	12.50 X 5.80				1	INSTALL NEW SIGN PANEL ON EXISTING STRUCTURE
S-3	B	B-10	SPECIAL	19.50 X 8.30	1				REPLACE EXISTING SIGN WITH NEW SIGN
S-3	C	C-11	SPECIAL	11.67 X 1.08		1			OVERLAY "BUSES AND" WITH "CARPOOLS ONLY"
S-3	C	C-12	SPECIAL	18.75 X 1.08		1			OVERLAY "CARPOOLS ONLY" WITH "FASTRAK REQUIRED TOLL \$2.50"
TOTAL					+	2	1	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL				OVERLAY (SINGLE SHEET/ OVERLAY FLAT/ NO RAD1/ NO BORDER)	REMARKS		
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE SINGLE SHEET		OVERHEAD					
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED		FRAMED				
												ALUMINUM					ALUMINUM	
												0.063"						0.080"
											SQFT		SQFT	SQFT				
S-1	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-1	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-2	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-2	2	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75							
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-2	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-2	A-5	SPECIAL	12.50 X 5.80	72.50	X	WHITE	III	BLACK	PLAIN	X				72.50				
S-3	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	4	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	5	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	6	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	7	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	8	SPECIAL	7.00 X 9.00	63.00	X	WHITE	III	BLACK	PLAIN	X			63.00					
S-3	9	R86 SPECIAL	4.50 X 5.50	24.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X		24.75						
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-3	B-10	SPECIAL	22.00 X 8.33	183.33	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X				183.33				
S-3	C-11	SPECIAL	11.61 X 1.08	12.60	X	WHITE	III	BLACK	PLAIN	X				12.60				
S-3	C-12	SPECIAL	18.7 X 1.08	20.25	X	WHITE	III	BLACK	PLAIN	X				20.25				
S-4	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-4	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-4	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-5	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-5	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
S-5	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00							
SHEET TOTAL											108.75	24.75	63.00	72.50	32.85			

1

SAN FRANCISCO-OAKLAND BAY BRIDGE

NO SCALE

SIGN QUANTITIES

SQ-2

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

REGISTERED CIVIL ENGINEER

2-5-10

DATE

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

1

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

RELATIVE BORDER SCALE

IS IN INCHES

0 1 2 3

USERNAME => beshoy_demyan

DGN FILE => ... \SIGNS\SF08B-SQ-2-AD.dgn

BATA-005

DATE PLOTTED => 2/20/2010

TIME PLOTTED => 1:01:42 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

RUTVIJ PATEL

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	85	101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL				OVERLAY (SINGLE SHEET/ OVERLAY FLAT/ NO RADII/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		OVERHEAD			
											SINGLE SHEET					
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED		FRAMED		
												ALUMINUM		ALUMINUM		
												0.063"		0.080"		
SQFT			SQFT													
SQFT		SQFT														
S-6	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-6	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-6	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-6	4	SPECIAL	7.00 X 9.00	63.00	X	WHITE	III	BLACK	PLAIN	X			63.00			
S-7	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-8	2	SPECIAL	1.50 X 0.25	0.38	X	WHITE	III	-	-	X					0.38 X 18 = 6.84	
S-8	3	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X					0.30 X 18 = 5.40	
S-8	4	SPECIAL	1.50 X 2.00	3.00	X	WHITE	III	BLACK	PLAIN	X	3.00 X 18=54.00					
SHEET TOTAL											74.0	-	63.00		12.24	
TOTAL											182.75	24.75	126.00	72.50	45.09	

1

REVISED PER ADDENDUM NO.1 DATED FEBRUARY 22, 2010

1

SAN FRANCISCO-OAKLAND BAY BRIDGE

NO SCALE

SIGN QUANTITIES

SQ-3

RELATIVE BORDER SCALE
IS IN INCHES

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3

USERNAME => beshoy_demyan
DGN FILE => ...\\SIGNS\\SF08B-SQ-3.-A0dgn

BATA-005

DATE PLOTTED => 2/20/2010
TIME PLOTTED => 1:01:48 PM

02/22/10

